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1 A Input Summary.txt

NewEnergy Associates  
Strategist Page 1

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.PARAMETERS.

|                            |   |
|----------------------------|---|
| CLASS PRICING SWITCH       | 0 |
| DIRECT LOAD CONTROL SWITCH | 0 |
| WEEKLY PROCESSING OPTION   | 1 |

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.PARAMETERS.

DIAGNOSTICS FLAG SETTINGS

| NO. | DESCRIPTION                                       | VALUE |
|-----|---------------------------------------------------|-------|
| 1   | Seasonal Peak and Energy Results                  | N     |
| 2   | Group Requirements Seasonal Shapes                | N     |
| 3   | Class Requirements Seasonal Shapes                | N     |
| 4   | Company Requirements Seasonal Shapes              | N     |
| 5   | Group Seasonal Load Shape                         | N     |
| 6   | Block Rate Revenue Calculations                   | N     |
| 7   | Aggregation Table                                 | N     |
| 8   | Adjustment Shapes                                 | N     |
| 9   | Aggregate Shape                                   | N     |
| 10  | Residual Shape                                    | N     |
| 11  | Change Commands - Class Coinc. Factors            | N     |
| 12  | Write PROMOD IV LLIB and LDAT Records             | N     |
| 13  | Weighted Average Price Calculations               | N     |
| 14  | Mkt Program Calculations                          | N     |
| 15  | Write Adjusted Load Group LLIB Records            | N     |
| 16  | Write Company Requirements Seasonal Shapes LLIB R | N     |
| 17  | Write Residual Shape LLIB Records                 | N     |
| 18  | Market Program Summary                            | N     |

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.PARAMETERS.

| SEASONS                  |       | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|--------------------------|-------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2011 -----    |       |              |               |            |            |          |           |           |
| SEASONAL CAPACITY CREDIT | RATIO | -1.00        | -1.00         | -1.00      | -1.00      | -1.00    | -1.00     | -1.00     |
| ----- YEAR 2012 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2013 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2014 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2015 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2016 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2017 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2018 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2019 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2020 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2021 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2022 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2023 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2024 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2025 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2026 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2027 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2028 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2029 -----    |       |              |               |            |            |          |           |           |
| ----- YEAR 2030 -----    |       |              |               |            |            |          |           |           |

1 A Input Summary.txt

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| SEASONS               |                          | 8      | 9         | 10      | 11       | 12       |
|-----------------------|--------------------------|--------|-----------|---------|----------|----------|
|                       |                          | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| ----- YEAR 2011 ----- | SEASONAL CAPACITY CREDIT | -1.00  | -1.00     | -1.00   | -1.00    | -1.00    |
| ----- YEAR 2012 ----- |                          |        |           |         |          |          |
| ----- YEAR 2013 ----- |                          |        |           |         |          |          |
| ----- YEAR 2014 ----- |                          |        |           |         |          |          |
| ----- YEAR 2015 ----- |                          |        |           |         |          |          |
| ----- YEAR 2016 ----- |                          |        |           |         |          |          |
| ----- YEAR 2017 ----- |                          |        |           |         |          |          |
| ----- YEAR 2018 ----- |                          |        |           |         |          |          |
| ----- YEAR 2019 ----- |                          |        |           |         |          |          |
| ----- YEAR 2020 ----- |                          |        |           |         |          |          |
| ----- YEAR 2021 ----- |                          |        |           |         |          |          |
| ----- YEAR 2022 ----- |                          |        |           |         |          |          |
| ----- YEAR 2023 ----- |                          |        |           |         |          |          |
| ----- YEAR 2024 ----- |                          |        |           |         |          |          |
| ----- YEAR 2025 ----- |                          |        |           |         |          |          |
| ----- YEAR 2026 ----- |                          |        |           |         |          |          |
| ----- YEAR 2027 ----- |                          |        |           |         |          |          |
| ----- YEAR 2028 ----- |                          |        |           |         |          |          |
| ----- YEAR 2029 ----- |                          |        |           |         |          |          |
| ----- YEAR 2030 ----- |                          |        |           |         |          |          |
| ----- YEAR 2031 ----- |                          |        |           |         |          |          |
| ----- YEAR 2032 ----- |                          |        |           |         |          |          |
| ----- YEAR 2033 ----- |                          |        |           |         |          |          |
| ----- YEAR 2034 ----- |                          |        |           |         |          |          |
| ----- YEAR 2035 ----- |                          |        |           |         |          |          |
| ----- YEAR 2036 ----- |                          |        |           |         |          |          |
| ----- YEAR 2037 ----- |                          |        |           |         |          |          |
| ----- YEAR 2038 ----- |                          |        |           |         |          |          |
| ----- YEAR 2039 ----- |                          |        |           |         |          |          |
| ----- YEAR 2040 ----- |                          |        |           |         |          |          |



NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.COMPANY.

GENERATING COMPANIES

| 1        | 2   | 3    | 4    |
|----------|-----|------|------|
| OPCO+CSP | I&M | APCO | KPCO |
| 0        | 0   | 0    | 0    |

PRICE ADJUSTMENT SWITCH  
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.COMPANY.

GENERATING COMPANIES

| 1        | 2    | 3    | 4    |
|----------|------|------|------|
| OPCO+CSP | I&M  | APCO | KPCO |
| 0.00     | 0.00 | 0.00 | 0.00 |
| 0        | 0    | 0    | 0    |
| 0.00     | 0.00 | 0.00 | 0.00 |

----- YEAR 2011 -----  
AGGREGATE PEAK DEMAND  
AGGREGATE SHAPE FILE  
AGGREGATE SHAPE POINTER  
CAPACITY CREDIT

\$/KW

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----

1 A Input Summary.txt

----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.COMPANY.

| ===== SEASON 1 JANUARY ===== |                       |          | 1        | 2    | 3    | 4    |
|------------------------------|-----------------------|----------|----------|------|------|------|
| GENERATING COMPANIES         |                       |          | OPCO+CSP | I&M  | APCO | KPCO |
| -----                        | YEAR 2011 -----       |          |          |      |      |      |
| SEASONAL                     | AGGREGATE PEAK DEMAND | MW,MP,LF | 0.00     | 0.00 | 0.00 | 0.00 |
| -----                        | YEAR 2012 -----       |          |          |      |      |      |
| -----                        | YEAR 2013 -----       |          |          |      |      |      |
| -----                        | YEAR 2014 -----       |          |          |      |      |      |
| -----                        | YEAR 2015 -----       |          |          |      |      |      |
| -----                        | YEAR 2016 -----       |          |          |      |      |      |
| -----                        | YEAR 2017 -----       |          |          |      |      |      |
| -----                        | YEAR 2018 -----       |          |          |      |      |      |
| -----                        | YEAR 2019 -----       |          |          |      |      |      |
| -----                        | YEAR 2020 -----       |          |          |      |      |      |
| -----                        | YEAR 2021 -----       |          |          |      |      |      |
| -----                        | YEAR 2022 -----       |          |          |      |      |      |
| -----                        | YEAR 2023 -----       |          |          |      |      |      |
| -----                        | YEAR 2024 -----       |          |          |      |      |      |
| -----                        | YEAR 2025 -----       |          |          |      |      |      |
| -----                        | YEAR 2026 -----       |          |          |      |      |      |
| -----                        | YEAR 2027 -----       |          |          |      |      |      |
| -----                        | YEAR 2028 -----       |          |          |      |      |      |
| -----                        | YEAR 2029 -----       |          |          |      |      |      |
| -----                        | YEAR 2030 -----       |          |          |      |      |      |
| -----                        | YEAR 2031 -----       |          |          |      |      |      |
| -----                        | YEAR 2032 -----       |          |          |      |      |      |
| -----                        | YEAR 2033 -----       |          |          |      |      |      |
| -----                        | YEAR 2034 -----       |          |          |      |      |      |
| -----                        | YEAR 2035 -----       |          |          |      |      |      |
| -----                        | YEAR 2036 -----       |          |          |      |      |      |
| -----                        | YEAR 2037 -----       |          |          |      |      |      |
| -----                        | YEAR 2038 -----       |          |          |      |      |      |
| -----                        | YEAR 2039 -----       |          |          |      |      |      |
| -----                        | YEAR 2040 -----       |          |          |      |      |      |

  

| ===== SEASON 2 FEBRUARY ===== |                       |          | 1        | 2    | 3    | 4    |
|-------------------------------|-----------------------|----------|----------|------|------|------|
| GENERATING COMPANIES          |                       |          | OPCO+CSP | I&M  | APCO | KPCO |
| -----                         | YEAR 2011 -----       |          |          |      |      |      |
| SEASONAL                      | AGGREGATE PEAK DEMAND | MW,MP,LF | 0.00     | 0.00 | 0.00 | 0.00 |
| -----                         | YEAR 2012 -----       |          |          |      |      |      |
| -----                         | YEAR 2013 -----       |          |          |      |      |      |

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 3 MARCH =====     |          |          |      |      |      |
|--------------------------------|----------|----------|------|------|------|
| GENERATING COMPANIES           |          | 1        | 2    | 3    | 4    |
|                                |          | OPCO+CSP | I&M  | APCO | KPCO |
| ----- YEAR 2011 -----          |          |          |      |      |      |
| SEASONAL AGGREGATE PEAK DEMAND | MW,MP,LF | 0.00     | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 -----          |          |          |      |      |      |
| ----- YEAR 2013 -----          |          |          |      |      |      |
| ----- YEAR 2014 -----          |          |          |      |      |      |
| ----- YEAR 2015 -----          |          |          |      |      |      |
| ----- YEAR 2016 -----          |          |          |      |      |      |
| ----- YEAR 2017 -----          |          |          |      |      |      |
| ----- YEAR 2018 -----          |          |          |      |      |      |
| ----- YEAR 2019 -----          |          |          |      |      |      |
| ----- YEAR 2020 -----          |          |          |      |      |      |
| ----- YEAR 2021 -----          |          |          |      |      |      |
| ----- YEAR 2022 -----          |          |          |      |      |      |
| ----- YEAR 2023 -----          |          |          |      |      |      |

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.COMPANY.

===== SEASON 3 MARCH =====

| GENERATING COMPANIES       |             | 1 A Input Summary.txt |      |      |      |
|----------------------------|-------------|-----------------------|------|------|------|
|                            |             | 1                     | 2    | 3    | 4    |
|                            |             | OPCO+CSP              | I&M  | APCO | KPCO |
| -----                      | YEAR 2024   | -----                 |      |      |      |
| -----                      | YEAR 2025   | -----                 |      |      |      |
| -----                      | YEAR 2026   | -----                 |      |      |      |
| -----                      | YEAR 2027   | -----                 |      |      |      |
| -----                      | YEAR 2028   | -----                 |      |      |      |
| -----                      | YEAR 2029   | -----                 |      |      |      |
| -----                      | YEAR 2030   | -----                 |      |      |      |
| -----                      | YEAR 2031   | -----                 |      |      |      |
| -----                      | YEAR 2032   | -----                 |      |      |      |
| -----                      | YEAR 2033   | -----                 |      |      |      |
| -----                      | YEAR 2034   | -----                 |      |      |      |
| -----                      | YEAR 2035   | -----                 |      |      |      |
| -----                      | YEAR 2036   | -----                 |      |      |      |
| -----                      | YEAR 2037   | -----                 |      |      |      |
| -----                      | YEAR 2038   | -----                 |      |      |      |
| -----                      | YEAR 2039   | -----                 |      |      |      |
| -----                      | YEAR 2040   | -----                 |      |      |      |
| ===== SEASON 4 APRIL ===== |             |                       |      |      |      |
| GENERATING COMPANIES       |             | 1                     | 2    | 3    | 4    |
|                            |             | OPCO+CSP              | I&M  | APCO | KPCO |
| -----                      | YEAR 2011   | -----                 |      |      |      |
| SEASONAL AGGREGATE         | PEAK DEMAND | MW,MP,LF              | 0.00 | 0.00 | 0.00 |
| -----                      | YEAR 2012   | -----                 |      |      |      |
| -----                      | YEAR 2013   | -----                 |      |      |      |
| -----                      | YEAR 2014   | -----                 |      |      |      |
| -----                      | YEAR 2015   | -----                 |      |      |      |
| -----                      | YEAR 2016   | -----                 |      |      |      |
| -----                      | YEAR 2017   | -----                 |      |      |      |
| -----                      | YEAR 2018   | -----                 |      |      |      |
| -----                      | YEAR 2019   | -----                 |      |      |      |
| -----                      | YEAR 2020   | -----                 |      |      |      |
| -----                      | YEAR 2021   | -----                 |      |      |      |
| -----                      | YEAR 2022   | -----                 |      |      |      |
| -----                      | YEAR 2023   | -----                 |      |      |      |
| -----                      | YEAR 2024   | -----                 |      |      |      |
| -----                      | YEAR 2025   | -----                 |      |      |      |
| -----                      | YEAR 2026   | -----                 |      |      |      |
| -----                      | YEAR 2027   | -----                 |      |      |      |
| -----                      | YEAR 2028   | -----                 |      |      |      |
| -----                      | YEAR 2029   | -----                 |      |      |      |
| -----                      | YEAR 2030   | -----                 |      |      |      |
| -----                      | YEAR 2031   | -----                 |      |      |      |
| -----                      | YEAR 2032   | -----                 |      |      |      |
| -----                      | YEAR 2033   | -----                 |      |      |      |
| -----                      | YEAR 2034   | -----                 |      |      |      |
| -----                      | YEAR 2035   | -----                 |      |      |      |
| -----                      | YEAR 2036   | -----                 |      |      |      |
| -----                      | YEAR 2037   | -----                 |      |      |      |
| -----                      | YEAR 2038   | -----                 |      |      |      |

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----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 5      MAY =====
GENERATING COMPANIES      1
                           OPCO+CSP      2      3      4
                           I&M      APCO      KPCO

----- YEAR 2011 -----
SEASONAL AGGREGATE PEAK DEMAND MW,MP,LF      0.00      0.00      0.00      0.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.COMPANY.

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===== SEASON 5      MAY =====
GENERATING COMPANIES      1
                           OPCO+CSP      2      3      4
                           I&M      APCO      KPCO

----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 6      JUNE =====
GENERATING COMPANIES      1
                           OPCO+CSP      2      3      4
                           I&M      APCO      KPCO

----- YEAR 2011 -----
SEASONAL AGGREGATE PEAK DEMAND MW,MP,LF      0.00      0.00      0.00      0.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

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1 A Input Summary.txt

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 7 JULY ===== |                                         | 1        | 2    | 3    | 4    |
|---------------------------|-----------------------------------------|----------|------|------|------|
| GENERATING COMPANIES      |                                         | OPCO+CSP | I&M  | APCO | KPCO |
| ----- YEAR 2011 -----     | SEASONAL AGGREGATE PEAK DEMAND MW,MP,LF | 0.00     | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 -----     |                                         |          |      |      |      |
| ----- YEAR 2013 -----     |                                         |          |      |      |      |
| ----- YEAR 2014 -----     |                                         |          |      |      |      |
| ----- YEAR 2015 -----     |                                         |          |      |      |      |
| ----- YEAR 2016 -----     |                                         |          |      |      |      |
| ----- YEAR 2017 -----     |                                         |          |      |      |      |
| ----- YEAR 2018 -----     |                                         |          |      |      |      |
| ----- YEAR 2019 -----     |                                         |          |      |      |      |
| ----- YEAR 2020 -----     |                                         |          |      |      |      |
| ----- YEAR 2021 -----     |                                         |          |      |      |      |
| ----- YEAR 2022 -----     |                                         |          |      |      |      |
| ----- YEAR 2023 -----     |                                         |          |      |      |      |
| ----- YEAR 2024 -----     |                                         |          |      |      |      |
| ----- YEAR 2025 -----     |                                         |          |      |      |      |
| ----- YEAR 2026 -----     |                                         |          |      |      |      |
| ----- YEAR 2027 -----     |                                         |          |      |      |      |
| ----- YEAR 2028 -----     |                                         |          |      |      |      |
| ----- YEAR 2029 -----     |                                         |          |      |      |      |
| ----- YEAR 2030 -----     |                                         |          |      |      |      |
| ----- YEAR 2031 -----     |                                         |          |      |      |      |

1 A Input Summary.txt

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====  
 GENERATING COMPANIES                   1  
                                   OPCO+CSP   I&M   2   APCO   3   KPCO   4

----- YEAR 2011 -----  
 SEASONAL AGGREGATE PEAK DEMAND   MW,MP,LF       0.00       0.00       0.00       0.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.COMPANY.

===== SEASON 8 AUGUST =====  
 GENERATING COMPANIES                   1  
                                   OPCO+CSP   I&M   2   APCO   3   KPCO   4

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2038 -----  
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 ----- YEAR 2040 -----



1 A Input Summary.txt

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===== SEASON 9 SEPTEMBER =====
GENERATING COMPANIES                      1
                                         OPCO+CSP
                                         I&M      2      APCO      3      KPCO      4

----- YEAR 2011 -----
SEASONAL AGGREGATE PEAK DEMAND MW,MP,LF      0.00      0.00      0.00      0.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 10 OCTOBER =====
GENERATING COMPANIES                      1
                                         OPCO+CSP
                                         I&M      2      APCO      3      KPCO      4

----- YEAR 2011 -----
SEASONAL AGGREGATE PEAK DEMAND MW,MP,LF      0.00      0.00      0.00      0.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

```

1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

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NewEnergy Associates  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.COMPANY.

===== SEASON 10 OCTOBER =====  
 GENERATING COMPANIES  
 OPCO+CSP 1 I&M 2 APCO 3 KPCO 4

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====  
 GENERATING COMPANIES  
 OPCO+CSP 1 I&M 2 APCO 3 KPCO 4

| SEASONAL  | AGGREGATE | PEAK DEMAND | MW,MP,LF | OPCO+CSP | I&M  | APCO | KPCO |
|-----------|-----------|-------------|----------|----------|------|------|------|
| YEAR 2011 |           |             |          | 0.00     | 0.00 | 0.00 | 0.00 |
| YEAR 2012 |           |             |          |          |      |      |      |
| YEAR 2013 |           |             |          |          |      |      |      |
| YEAR 2014 |           |             |          |          |      |      |      |
| YEAR 2015 |           |             |          |          |      |      |      |
| YEAR 2016 |           |             |          |          |      |      |      |
| YEAR 2017 |           |             |          |          |      |      |      |
| YEAR 2018 |           |             |          |          |      |      |      |
| YEAR 2019 |           |             |          |          |      |      |      |
| YEAR 2020 |           |             |          |          |      |      |      |
| YEAR 2021 |           |             |          |          |      |      |      |
| YEAR 2022 |           |             |          |          |      |      |      |
| YEAR 2023 |           |             |          |          |      |      |      |
| YEAR 2024 |           |             |          |          |      |      |      |
| YEAR 2025 |           |             |          |          |      |      |      |
| YEAR 2026 |           |             |          |          |      |      |      |
| YEAR 2027 |           |             |          |          |      |      |      |
| YEAR 2028 |           |             |          |          |      |      |      |
| YEAR 2029 |           |             |          |          |      |      |      |
| YEAR 2030 |           |             |          |          |      |      |      |
| YEAR 2031 |           |             |          |          |      |      |      |
| YEAR 2032 |           |             |          |          |      |      |      |
| YEAR 2033 |           |             |          |          |      |      |      |

1 A Input Summary.txt

----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 12 DECEMBER ===== |                                |          |  | 1        | 2    | 3    | 4    |
|--------------------------------|--------------------------------|----------|--|----------|------|------|------|
| GENERATING COMPANIES           |                                |          |  | OPCO+CSP | I&M  | APCO | KPCO |
| ----- YEAR 2011 -----          | SEASONAL AGGREGATE PEAK DEMAND | MW,MP,LF |  | 0.00     | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2013 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2014 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2015 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2016 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2017 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2018 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2019 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2020 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2021 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2022 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2023 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2024 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2025 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2026 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2027 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2028 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2029 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2030 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2031 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2032 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2033 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2034 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2035 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2036 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2037 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2038 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2039 -----          |                                |          |  |          |      |      |      |
| ----- YEAR 2040 -----          |                                |          |  |          |      |      |      |

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AEP EAST

1 A Input Summary.txt  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD CLASS.

| LOAD CLASS           | 1<br>OPCO+CSP | 2<br>I&H | 3<br>APCO | 4<br>KPCO |
|----------------------|---------------|----------|-----------|-----------|
| AREA NUMBER          | 0             | 0        | 0         | 0         |
| COMPANY NUMBER       | 1             | 2        | 3         | 4         |
| TOU RATE SCHEDULE    |               |          |           |           |
| RELATIVE RATE FACTOR | 1.00          | 1.00     | 1.00      | 1.00      |

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD CLASS.

| LOAD CLASS            | 1<br>OPCO+CSP | 2<br>I&H | 3<br>APCO | 4<br>KPCO |
|-----------------------|---------------|----------|-----------|-----------|
| ----- YEAR 2011 ----- |               |          |           |           |
| ALTERNATE PRICE       | CENT/KWH      | 0.00     | 0.00      | 0.00      |
| BASE PRICE            | CENT/KWH      | 0.00     | 0.00      | 0.00      |
| CLASS DISCOUNT RATE   | %             | -1.00    | -1.00     | -1.00     |
| ----- YEAR 2012 ----- |               |          |           |           |
| ----- YEAR 2013 ----- |               |          |           |           |
| ----- YEAR 2014 ----- |               |          |           |           |
| ----- YEAR 2015 ----- |               |          |           |           |
| ----- YEAR 2016 ----- |               |          |           |           |
| ----- YEAR 2017 ----- |               |          |           |           |
| ----- YEAR 2018 ----- |               |          |           |           |
| ----- YEAR 2019 ----- |               |          |           |           |
| ----- YEAR 2020 ----- |               |          |           |           |
| ----- YEAR 2021 ----- |               |          |           |           |
| ----- YEAR 2022 ----- |               |          |           |           |
| ----- YEAR 2023 ----- |               |          |           |           |
| ----- YEAR 2024 ----- |               |          |           |           |
| ----- YEAR 2025 ----- |               |          |           |           |
| ----- YEAR 2026 ----- |               |          |           |           |
| ----- YEAR 2027 ----- |               |          |           |           |
| ----- YEAR 2028 ----- |               |          |           |           |
| ----- YEAR 2029 ----- |               |          |           |           |
| ----- YEAR 2030 ----- |               |          |           |           |
| ----- YEAR 2031 ----- |               |          |           |           |
| ----- YEAR 2032 ----- |               |          |           |           |
| ----- YEAR 2033 ----- |               |          |           |           |
| ----- YEAR 2034 ----- |               |          |           |           |
| ----- YEAR 2035 ----- |               |          |           |           |
| ----- YEAR 2036 ----- |               |          |           |           |
| ----- YEAR 2037 ----- |               |          |           |           |
| ----- YEAR 2038 ----- |               |          |           |           |
| ----- YEAR 2039 ----- |               |          |           |           |
| ----- YEAR 2040 ----- |               |          |           |           |

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD CLASS.

LOAD CLASS

1 A Input Summary.txt

1 2 3 4

OPCO+CSP I&M APCO KPCO

---- SEASON 1 JANUARY ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 2 FEBRUARY ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 3 MARCH ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 4 APRIL ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 5 MAY ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 6 JUNE ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 7 JULY ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 8 AUGUST ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 9 SEPTEMBER ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 10 OCTOBER ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 11 NOVEMBER ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

---- SEASON 12 DECEMBER ----  
 DEMAND BLOCK RATE SCHEDULE  
 ENERGY BLOCK RATE SCHEDULE

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD CLASS.

| LOAD CLASS<br>SEASONS | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2011 ----- |              |               |            |            |          |           |           |
| COINCIDENCE FACTOR    | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |
| ----- YEAR 2012 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2013 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2014 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2015 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2016 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2017 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2018 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2019 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2020 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2021 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2022 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2023 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2024 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2025 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2026 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2027 ----- |              |               |            |            |          |           |           |

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD CLASS<br>SEASONS                       | 1 OPCO+CSP | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|---------------------------------------------|------------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR |            | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD CLASS<br>SEASONS                       | 2 I&M | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|---------------------------------------------|-------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR |       | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD CLASS.

| LOAD CLASS<br>SEASONS | 2 I&M | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------|-------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2024 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2025 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2026 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2027 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2028 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2029 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2030 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2031 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2032 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2033 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2034 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2035 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2036 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2037 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2038 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2039 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2040 ----- |       |              |               |            |            |          |           |           |

| LOAD CLASS<br>SEASONS | 2 I&M | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-----------------------|-------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 ----- |       |             |                |               |                |                |
| COINCIDENCE FACTOR    |       | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |
| ----- YEAR 2012 ----- |       |             |                |               |                |                |
| ----- YEAR 2013 ----- |       |             |                |               |                |                |
| ----- YEAR 2014 ----- |       |             |                |               |                |                |
| ----- YEAR 2015 ----- |       |             |                |               |                |                |
| ----- YEAR 2016 ----- |       |             |                |               |                |                |
| ----- YEAR 2017 ----- |       |             |                |               |                |                |
| ----- YEAR 2018 ----- |       |             |                |               |                |                |
| ----- YEAR 2019 ----- |       |             |                |               |                |                |
| ----- YEAR 2020 ----- |       |             |                |               |                |                |



1 A Input Summary.txt

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD CLASS<br>SEASONS                       | 3 APCO       |               |            |            |          |           |           |
|---------------------------------------------|--------------|---------------|------------|------------|----------|-----------|-----------|
|                                             | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |
| ----- YEAR 2012 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2013 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2014 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2015 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2016 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2017 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2018 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2019 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2020 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2021 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2022 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2023 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2024 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2025 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2026 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2027 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2028 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2029 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2030 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2031 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2032 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2033 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2034 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2035 -----                       |              |               |            |            |          |           |           |
| ----- YEAR 2036 -----                       |              |               |            |            |          |           |           |

----- YEAR 2037 -----

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD CLASS.

| LOAD CLASS<br>SEASONS | 3 APCO | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------|--------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2038 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2039 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2040 ----- |        |              |               |            |            |          |           |           |

  

| LOAD CLASS<br>SEASONS | 3 APCO | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-----------------------|--------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 ----- |        |             |                |               |                |                |
| COINCIDENCE FACTOR    |        | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |
| ----- YEAR 2012 ----- |        |             |                |               |                |                |
| ----- YEAR 2013 ----- |        |             |                |               |                |                |
| ----- YEAR 2014 ----- |        |             |                |               |                |                |
| ----- YEAR 2015 ----- |        |             |                |               |                |                |
| ----- YEAR 2016 ----- |        |             |                |               |                |                |
| ----- YEAR 2017 ----- |        |             |                |               |                |                |
| ----- YEAR 2018 ----- |        |             |                |               |                |                |
| ----- YEAR 2019 ----- |        |             |                |               |                |                |
| ----- YEAR 2020 ----- |        |             |                |               |                |                |
| ----- YEAR 2021 ----- |        |             |                |               |                |                |
| ----- YEAR 2022 ----- |        |             |                |               |                |                |
| ----- YEAR 2023 ----- |        |             |                |               |                |                |
| ----- YEAR 2024 ----- |        |             |                |               |                |                |
| ----- YEAR 2025 ----- |        |             |                |               |                |                |
| ----- YEAR 2026 ----- |        |             |                |               |                |                |
| ----- YEAR 2027 ----- |        |             |                |               |                |                |
| ----- YEAR 2028 ----- |        |             |                |               |                |                |
| ----- YEAR 2029 ----- |        |             |                |               |                |                |
| ----- YEAR 2030 ----- |        |             |                |               |                |                |
| ----- YEAR 2031 ----- |        |             |                |               |                |                |
| ----- YEAR 2032 ----- |        |             |                |               |                |                |
| ----- YEAR 2033 ----- |        |             |                |               |                |                |
| ----- YEAR 2034 ----- |        |             |                |               |                |                |
| ----- YEAR 2035 ----- |        |             |                |               |                |                |
| ----- YEAR 2036 ----- |        |             |                |               |                |                |
| ----- YEAR 2037 ----- |        |             |                |               |                |                |
| ----- YEAR 2038 ----- |        |             |                |               |                |                |
| ----- YEAR 2039 ----- |        |             |                |               |                |                |
| ----- YEAR 2040 ----- |        |             |                |               |                |                |

  

| LOAD CLASS<br>SEASONS | 4 KPCO | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------|--------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2011 ----- |        |              |               |            |            |          |           |           |
| COINCIDENCE FACTOR    |        | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |
| ----- YEAR 2012 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2013 ----- |        |              |               |            |            |          |           |           |

1 A Input Summary.txt

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD CLASS<br>SEASONS | 4 KPC0 | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-----------------------|--------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 ----- |        |             |                |               |                |                |
| COINCIDENCE FACTOR    |        | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |
| ----- YEAR 2012 ----- |        |             |                |               |                |                |
| ----- YEAR 2013 ----- |        |             |                |               |                |                |
| ----- YEAR 2014 ----- |        |             |                |               |                |                |
| ----- YEAR 2015 ----- |        |             |                |               |                |                |
| ----- YEAR 2016 ----- |        |             |                |               |                |                |
| ----- YEAR 2017 ----- |        |             |                |               |                |                |
| ----- YEAR 2018 ----- |        |             |                |               |                |                |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD CLASS.

| LOAD CLASS<br>SEASONS | 4 KPC0 | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-----------------------|--------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2019 ----- |        |             |                |               |                |                |
| ----- YEAR 2020 ----- |        |             |                |               |                |                |
| ----- YEAR 2021 ----- |        |             |                |               |                |                |

----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP                | 1     | 2     | 3     | 4     | 5     | 30     |
|---------------------------|-------|-------|-------|-------|-------|--------|
|                           | APCO  | CSP   | I&M   | KPCO  | OPCO  |        |
| AIR BASIN POINTER         | 1     | 1     | 1     | 1     | 1     | 1      |
| CLASS NUMBER              | 3     | 1     | 2     | 4     | 1     | 1      |
| CLASS PROFILE REFERENCE   |       |       |       |       |       |        |
| DATA START YEAR           | 0     | 0     | 0     | 0     | 0     | 0      |
| DLC DATA SET REFERENCE    |       |       |       |       |       |        |
| LOAD BASIS                | 1     | 1     | 1     | 1     | 1     | 1      |
| ESCALATION OPTION         | 1     | 1     | 1     | 1     | 1     | 1      |
| ESCALATION REFERENCE      |       |       |       |       |       |        |
| PENETRATION OPTION        | C     | C     | C     | C     | C     | C      |
| PRINT DIAG 15             | 0     | 0     | 0     | 0     | 0     | 0      |
| PROGRAM TYPE              |       |       |       |       |       |        |
| RAMP UP PROFILE REFERENCE |       |       |       |       |       |        |
| TYPE SWITCH               | 2     | 2     | 2     | 2     | 2     | 2      |
| UNIT SIZE                 | LARGE | LARGE | LARGE | LARGE | LARGE | MEDIUM |

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP            | 1    | 2    | 3    | 4    | 5    | 7    | 8    |
|-----------------------|------|------|------|------|------|------|------|
|                       | APCO | CSP  | I&M  | KPCO | OPCO |      |      |
| ----- YEAR 2011 ----- |      |      |      |      |      |      |      |
| DROP OUT RATE         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 1 A Input Summary.txt            |           |           |           |           |           |           |           |           |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ELASTICITY AT PEAK               |           | 99.00     | 99.00     | 99.00     | 99.00     | 99.00     | 99.00     | 99.00     |
| ENERGY SALES                     | E UNIT    | 36064.47  | 19052.37  | 24987.17  | 7432.17   | 37875.09  | 1.00      | 1.00      |
| FIXED CUSTOMER COST              | \$000     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| FIXED MARKETING EXPENSE          | \$000     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| FIXED EVALUATION EXPENSE         | \$000     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| FREE DRIVERS PERCENTAGE          | %         | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| FREE RIDERS PERCENTAGE           | %         | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| LOAD SHAPE POINTER               |           | 1         | 31        | 61        | 91        | 121       | 300       | 300       |
| LOST REVENUE OVERRIDE            | \$000     | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 |
| NEW PARTICIPANT CUSTOMER BENEFIT | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| NEW PARTICIPANT CUSTOMER COST    | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| NEW PARTICIPANT MARKETING EXPENS | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| NEW PARTICIPANT EVAL EXPENSE     | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| NEW PARTICIPANT EXTERNAL COST    | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| NEW PARTICIPANT INCENTIVES       | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| NUMBER OF CUSTOMERS              |           | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| OTHER VARIABLE CUSTOMER BENEFITS | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| PEAK                             | C UNITS   | 7114.00   | 3677.00   | 4396.00   | 1343.00   | 6132.00   | 0.00      | 0.00      |
| PENETRATION FACTOR               | PEN UN    | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      |
| PERCENT FIRM                     | %         | 100.00    | 100.00    | 100.00    | 100.00    | 100.00    | 100.00    | 100.00    |
| PERSISTENCE                      | RATIO     | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      |
| PRICE ELASTICITY                 |           | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| PROGRAM STARTS                   |           | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| RETAIL FUEL SWITCH SAVINGS       | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| SHAREHOLDER SAVING OVERRIDE      | \$ UNITS  | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 | -0.10E+12 |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| T AND D ENERGY CREDIT            | \$/MWH    | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| VARIABLE CUSTOMER COST           | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| VARIABLE MARKETING EXPENSE       | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| VARIABLE EVAL EXPENSE            | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| VARIABLE EXTERNAL COST           | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| VARIABLE INCENTIVES              | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| WHOLESALE FUEL SWITCH SAVINGS    | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| ----- YEAR 2012 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 38900.39  | 18141.28  | 25543.70  | 7203.33   | 35272.65  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 2         | 32        | 62        | 91        | 122       | 300       | 300       |
| NEW PARTICIPANT MARKETING EXPENS | \$ UN/PEN | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 10400.00  | 11400.00  |
| PEAK                             | C UNITS   | 7467.00   | 3505.00   | 4476.00   | 1333.00   | 5695.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 37.70     | 37.70     |
| ----- YEAR 2013 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 39252.44  | 18035.66  | 25766.80  | 7173.81   | 35057.54  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 3         | 33        | 63        | 92        | 123       | 300       | 300       |
| PEAK                             | C UNITS   | 7527.00   | 3502.00   | 4529.00   | 1464.00   | 5665.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 5.60      | 5.60      |
| ----- YEAR 2014 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 39456.29  | 17954.76  | 25758.60  | 7173.87   | 35121.94  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 4         | 34        | 64        | 93        | 124       | 300       | 300       |
| PEAK                             | C UNITS   | 7559.00   | 3497.00   | 4518.00   | 1463.00   | 5663.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 45.20     | 45.20     |
| ----- YEAR 2015 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 39565.53  | 17806.59  | 25690.48  | 7173.49   | 35147.16  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 5         | 35        | 65        | 94        | 125       | 300       | 300       |
| PEAK                             | C UNITS   | 7590.00   | 3481.00   | 4510.00   | 1460.00   | 5658.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 87.50     | 87.50     |
| ----- YEAR 2016 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 39788.56  | 17684.24  | 25617.99  | 7160.66   | 35199.24  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 6         | 36        | 66        | 95        | 126       | 300       | 300       |
| PEAK                             | C UNITS   | 7604.00   | 3462.00   | 4491.00   | 1450.00   | 5645.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 129.90    | 129.90    |
| ----- YEAR 2017 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 40043.57  | 17594.48  | 25593.04  | 7183.94   | 35197.27  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 7         | 37        | 67        | 96        | 127       | 300       | 300       |
| PEAK                             | C UNITS   | 7624.00   | 3464.00   | 4499.00   | 1454.00   | 5651.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 132.20    | 132.20    |
| ----- YEAR 2018 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 40345.31  | 17521.49  | 25584.82  | 7213.60   | 35243.21  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 8         | 38        | 68        | 97        | 128       | 300       | 300       |
| PEAK                             | C UNITS   | 7668.00   | 3463.00   | 4500.00   | 1457.00   | 5653.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 134.60    | 134.60    |
| ----- YEAR 2019 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 40698.90  | 17388.32  | 25605.35  | 7246.10   | 35206.81  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 9         | 39        | 69        | 98        | 129       | 300       | 300       |
| PEAK                             | C UNITS   | 7718.00   | 3449.00   | 4508.00   | 1462.00   | 5643.00   | 0.00      | 0.00      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      |
| ----- YEAR 2020 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 41053.86  | 17179.54  | 25691.05  | 7275.19   | 35071.12  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 10        | 40        | 70        | 99        | 130       | 300       | 300       |
| PEAK                             | C UNITS   | 7741.00   | 3412.00   | 4515.00   | 1462.00   | 5599.00   | 0.00      | 0.00      |
| ----- YEAR 2021 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 41431.45  | 17066.22  | 25846.53  | 7308.42   | 35018.98  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 11        | 41        | 71        | 100       | 131       | 300       | 300       |
| PEAK                             | C UNITS   | 7825.00   | 3407.00   | 4558.00   | 1472.00   | 5598.00   | 0.00      | 0.00      |
| ----- YEAR 2022 -----            |           |           |           |           |           |           |           |           |
| ENERGY SALES                     | E UNIT    | 41791.14  | 17027.55  | 25997.77  | 7346.09   | 35051.64  | 1.00      | 1.00      |
| LOAD SHAPE POINTER               |           | 12        | 42        | 72        | 101       | 132       | 300       | 300       |
| PEAK                             | C UNITS   | 7879.00   | 3409.00   | 4589.00   | 1478.00   | 5598.00   | 0.00      | 0.00      |

1 A Input Summary.txt

|                       |         |          |          |          |         |          |      |      |
|-----------------------|---------|----------|----------|----------|---------|----------|------|------|
| ----- YEAR 2023 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 42170.62 | 17035.84 | 26146.79 | 7385.29 | 35116.82 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 13       | 43       | 73       | 102     | 133      | 300  | 300  |
| PEAK                  | C UNITS | 7891.00  | 3417.00  | 4620.00  | 1482.00 | 5603.00  | 0.00 | 0.00 |
| ----- YEAR 2024 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 42547.16 | 17094.82 | 26298.19 | 7427.20 | 35223.79 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 14       | 44       | 74       | 103     | 134      | 300  | 300  |
| PEAK                  | C UNITS | 7927.00  | 3430.00  | 4641.00  | 1485.00 | 5603.00  | 0.00 | 0.00 |
| ----- YEAR 2025 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 42924.82 | 17178.60 | 26458.91 | 7465.28 | 35330.74 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 15       | 45       | 75       | 104     | 135      | 300  | 300  |
| PEAK                  | C UNITS | 8012.00  | 3464.00  | 4687.00  | 1495.00 | 5632.00  | 0.00 | 0.00 |
| ----- YEAR 2026 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 43274.36 | 17302.79 | 26621.27 | 7510.58 | 35500.88 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 16       | 46       | 76       | 105     | 136      | 300  | 300  |
| PEAK                  | C UNITS | 8072.00  | 3497.00  | 4722.00  | 1503.00 | 5658.00  | 0.00 | 0.00 |
| ----- YEAR 2027 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 43660.47 | 17450.48 | 26781.34 | 7556.48 | 27310.17 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 17       | 47       | 77       | 106     | 137      | 300  | 300  |
| PEAK                  | C UNITS | 8133.00  | 3536.00  | 4755.00  | 1511.00 | 4637.00  | 0.00 | 0.00 |
| ----- YEAR 2028 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 44056.93 | 17617.77 | 26950.22 | 7604.30 | 27466.55 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 18       | 48       | 78       | 107     | 138      | 300  | 300  |
| PEAK                  | C UNITS | 8175.00  | 3571.00  | 4781.00  | 1516.00 | 4659.00  | 0.00 | 0.00 |
| ----- YEAR 2029 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 44421.78 | 17774.25 | 27119.57 | 7646.00 | 27601.21 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 19       | 49       | 79       | 108     | 139      | 300  | 300  |
| PEAK                  | C UNITS | 8212.00  | 3618.00  | 4826.00  | 1524.00 | 4694.00  | 0.00 | 0.00 |
| ----- YEAR 2030 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 44824.68 | 17942.25 | 27300.93 | 7690.57 | 27745.12 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 20       | 50       | 80       | 109     | 140      | 300  | 300  |
| PEAK                  | C UNITS | 8279.00  | 3661.00  | 4864.00  | 1532.00 | 4723.00  | 0.00 | 0.00 |
| ----- YEAR 2031 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 45225.84 | 18143.57 | 27486.16 | 7735.69 | 27905.78 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 21       | 51       | 81       | 110     | 141      | 300  | 300  |
| PEAK                  | C UNITS | 8347.00  | 3711.00  | 4903.00  | 1539.00 | 4755.00  | 0.00 | 0.00 |
| ----- YEAR 2032 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 45655.04 | 18364.97 | 27678.45 | 7781.52 | 28075.80 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 22       | 52       | 82       | 111     | 142      | 300  | 300  |
| PEAK                  | C UNITS | 8393.00  | 3757.00  | 4929.00  | 1543.00 | 4776.00  | 0.00 | 0.00 |
| ----- YEAR 2033 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 46072.73 | 18583.39 | 27888.04 | 7820.87 | 28234.60 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 23       | 53       | 83       | 112     | 143      | 300  | 300  |
| PEAK                  | C UNITS | 8489.00  | 3819.00  | 4985.00  | 1555.00 | 4820.00  | 0.00 | 0.00 |
| ----- YEAR 2034 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 46515.29 | 18814.43 | 28111.31 | 7861.79 | 28401.11 | 1.00 | 1.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP            |         | 1        | 2        | 3        | 4       | 5        | 7    | 8    |
|-----------------------|---------|----------|----------|----------|---------|----------|------|------|
|                       |         | APCO     | CSP      | I&M      | KPCO    | OPCO     |      |      |
| ----- YEAR 2034 ----- |         |          |          |          |         |          |      |      |
| LOAD SHAPE POINTER    |         | 24       | 54       | 84       | 113     | 144      | 300  | 300  |
| PEAK                  | C UNITS | 8513.00  | 3872.00  | 5030.00  | 1559.00 | 4853.00  | 0.00 | 0.00 |
| ----- YEAR 2035 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 46976.31 | 19051.82 | 28325.17 | 7904.05 | 28575.01 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 25       | 55       | 85       | 114     | 145      | 300  | 300  |
| PEAK                  | C UNITS | 8593.00  | 3932.00  | 5074.00  | 1566.00 | 4888.00  | 0.00 | 0.00 |
| ----- YEAR 2036 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 47436.88 | 19309.82 | 28528.04 | 7947.81 | 28771.01 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 26       | 56       | 86       | 115     | 146      | 300  | 300  |
| PEAK                  | C UNITS | 8622.00  | 3983.00  | 5103.00  | 1564.00 | 4912.00  | 0.00 | 0.00 |
| ----- YEAR 2037 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 47891.02 | 19573.75 | 28727.44 | 7991.31 | 28975.48 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 27       | 57       | 87       | 116     | 147      | 300  | 300  |
| PEAK                  | C UNITS | 8750.00  | 4058.00  | 5160.00  | 1582.00 | 4966.00  | 0.00 | 0.00 |
| ----- YEAR 2038 ----- |         |          |          |          |         |          |      |      |
| ENERGY SALES          | E UNIT  | 48376.45 | 19857.01 | 28936.77 | 8034.34 | 29232.63 | 1.00 | 1.00 |
| LOAD SHAPE POINTER    |         | 28       | 58       | 88       | 117     | 148      | 300  | 300  |
| PEAK                  | C UNITS | 8831.00  | 4126.00  | 5203.00  | 1590.00 | 5013.00  | 0.00 | 0.00 |
| ----- YEAR 2039 ----- |         |          |          |          |         |          |      |      |

| 1 A Input Summary.txt            |           |           |           |           |         |          |      |      |
|----------------------------------|-----------|-----------|-----------|-----------|---------|----------|------|------|
| ENERGY SALES                     | E UNIT    | 48856.17  | 20145.44  | 29117.04  | 8076.88 | 29449.00 | 1.00 | 1.00 |
| LOAD SHAPE POINTER               |           | 29        | 59        | 89        | 118     | 149      | 300  | 300  |
| PEAK                             | C UNITS   | 8918.00   | 4195.00   | 5243.00   | 1598.00 | 5055.00  | 0.00 | 0.00 |
| ----- YEAR 2040 -----            |           |           |           |           |         |          |      |      |
| ENERGY SALES                     | E UNIT    | 49340.65  | 20438.06  | 29298.43  | 8119.20 | 29666.97 | 1.00 | 1.00 |
| LOAD SHAPE POINTER               |           | 29        | 59        | 89        | 119     | 149      | 300  | 300  |
| PEAK                             | C UNITS   | 9006.00   | 4265.00   | 5283.00   | 1598.00 | 5097.00  | 0.00 | 0.00 |
| LOAD GROUP                       |           | 9         | 10        | 11        |         |          |      |      |
| ----- YEAR 2011 -----            |           |           |           |           |         |          |      |      |
| DROP OUT RATE                    | PEN UN    | 0.00      | 0.00      | 0.00      |         |          |      |      |
| ELASTICITY AT PEAK               |           | 99.00     | 99.00     | 99.00     |         |          |      |      |
| ENERGY SALES                     | E UNIT    | 1.00      | 1.00      | 1.00      |         |          |      |      |
| FIXED CUSTOMER COST              | \$000     | 0.00      | 0.00      | 0.00      |         |          |      |      |
| FIXED MARKETING EXPENSE          | \$000     | 0.00      | 0.00      | 0.00      |         |          |      |      |
| FIXED EVALUATION EXPENSE         | \$000     | 0.00      | 0.00      | 0.00      |         |          |      |      |
| FREE DRIVERS PERCENTAGE          | %         | 0.00      | 0.00      | 0.00      |         |          |      |      |
| FREE RIDERS PERCENTAGE           | %         | 0.00      | 0.00      | 0.00      |         |          |      |      |
| LOAD SHAPE POINTER               |           | 300       | 300       | 300       |         |          |      |      |
| LOST REVENUE OVERRIDE            | \$000     | -0.10E+12 | -0.10E+12 | -0.10E+12 |         |          |      |      |
| NEW PARTICIPANT CUSTOMER BENEFIT | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| NEW PARTICIPANT CUSTOMER COST    | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| NEW PARTICIPANT MARKETING EXPENS | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| NEW PARTICIPANT EVAL EXPENSE     | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| NEW PARTICIPANT EXTERNAL COST    | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| NEW PARTICIPANT INCENTIVES       | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| NUMBER OF CUSTOMERS              |           | 0.00      | 0.00      | 0.00      |         |          |      |      |
| OTHER VARIABLE CUSTOMER BENEFITS | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| PEAK                             | C UNITS   | 0.00      | 0.00      | 0.00      |         |          |      |      |
| PENETRATION FACTOR               | PEN UN    | 1.00      | 1.00      | 1.00      |         |          |      |      |
| PERCENT FIRM                     | %         | 100.00    | 100.00    | 100.00    |         |          |      |      |
| PERSISTENCE                      | RATIO     | 1.00      | 1.00      | 1.00      |         |          |      |      |
| PRICE ELASTICITY                 |           | 0.00      | 0.00      | 0.00      |         |          |      |      |
| PROGRAM STARTS                   |           | 0         | 0         | 0         |         |          |      |      |
| RETAIL FUEL SWITCH SAVINGS       | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| SHAREHOLDER SAVING OVERRIDE      | \$ UNITS  | -0.10E+12 | -0.10E+12 | -0.10E+12 |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      |         |          |      |      |
| T AND D ENERGY CREDIT            | \$/MWH    | 0.00      | 0.00      | 0.00      |         |          |      |      |
| VARIABLE CUSTOMER COST           | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| VARIABLE MARKETING EXPENSE       | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| VARIABLE EVAL EXPENSE            | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| VARIABLE EXTERNAL COST           | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| VARIABLE INCENTIVES              | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| WHOLESALE FUEL SWITCH SAVINGS    | \$ UN/PEN | 0.00      | 0.00      | 0.00      |         |          |      |      |
| ----- YEAR 2012 -----            |           |           |           |           |         |          |      |      |
| NEW PARTICIPANT MARKETING EXPENS | \$ UN/PEN | 20090.00  | 17090.00  | 26590.00  |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 37.70     | 37.70     | 37.70     |         |          |      |      |
| ----- YEAR 2013 -----            |           |           |           |           |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 5.60      | 5.60      | 5.60      |         |          |      |      |
| ----- YEAR 2014 -----            |           |           |           |           |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 45.20     | 45.20     | 45.20     |         |          |      |      |
| ----- YEAR 2015 -----            |           |           |           |           |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 87.50     | 87.50     | 87.50     |         |          |      |      |
| ----- YEAR 2016 -----            |           |           |           |           |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 129.90    | 129.90    | 129.90    |         |          |      |      |
| ----- YEAR 2017 -----            |           |           |           |           |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 132.20    | 132.20    | 132.20    |         |          |      |      |
| ----- YEAR 2018 -----            |           |           |           |           |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 134.60    | 134.60    | 134.60    |         |          |      |      |
| ----- YEAR 2019 -----            |           |           |           |           |         |          |      |      |
| T AND D DEMAND CREDIT            | \$/KW     | 0.00      | 0.00      | 0.00      |         |          |      |      |
| ----- YEAR 2020 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2021 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2022 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2023 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2024 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2025 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2026 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2027 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2028 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2029 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2030 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2031 -----            |           |           |           |           |         |          |      |      |
| ----- YEAR 2032 -----            |           |           |           |           |         |          |      |      |



1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP       | APCO | 1 | CSP | 2 | I&M | 3 | KPCO | 4 | OPCO | 5 |
|------------------|------|---|-----|---|-----|---|------|---|------|---|
| EFFLUENT         |      |   |     |   |     |   |      |   |      |   |
| 1 SO2 (E)        |      |   |     |   |     |   |      |   |      |   |
| EFFLUENT POINTER |      | 0 |     | 0 |     | 0 |      | 0 |      | 0 |
| 2 CO2 (S)        |      |   |     |   |     |   |      |   |      |   |
| EFFLUENT POINTER |      | 0 |     | 0 |     | 0 |      | 0 |      | 0 |
| 3 CO2 (G)        |      |   |     |   |     |   |      |   |      |   |
| EFFLUENT POINTER |      | 0 |     | 0 |     | 0 |      | 0 |      | 0 |
| 4 NOX (B)        |      |   |     |   |     |   |      |   |      |   |
| EFFLUENT POINTER |      | 0 |     | 0 |     | 0 |      | 0 |      | 0 |
| 5 NSR SO2        |      |   |     |   |     |   |      |   |      |   |
| EFFLUENT POINTER |      | 0 |     | 0 |     | 0 |      | 0 |      | 0 |
| 6 HG (E)         |      |   |     |   |     |   |      |   |      |   |
| EFFLUENT POINTER |      | 0 |     | 0 |     | 0 |      | 0 |      | 0 |

‡ 02/12/13 08:26:26 V04.0 R03.0

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP                     | APCO | 1     | CSP | 2     | I&M | 3     | KPCO | 4     | OPCO | 5     | 13 | 14    |
|--------------------------------|------|-------|-----|-------|-----|-------|------|-------|------|-------|----|-------|
| ----- YEAR 2011 -----          |      |       |     |       |     |       |      |       |      |       |    |       |
| CHANGE IN PEAK IMPACT          |      | -1.00 |     | -1.00 |     | -1.00 |      | -1.00 |      | -1.00 |    | -1.00 |
| SEASONAL ENERGY SALES          |      | 0.11  |     | 0.09  |     | 0.09  |      | 0.11  |      | 0.09  |    | 0.09  |
| SEASONAL LOSS PERCENT          |      | 0.00  |     | 0.00  |     | 0.00  |      | 0.00  |      | 0.00  |    | 0.00  |
| SEASONAL PEAK AT METER         |      | 0.98  |     | 0.81  |     | 0.86  |      | 1.00  |      | 0.95  |    | 1.00  |
| SEASONAL T AND D DEMAND CREDIT |      | -1.00 |     | -1.00 |     | -1.00 |      | -1.00 |      | -1.00 |    | -1.00 |
| SEASONAL T AND D ENERGY CREDIT |      | -1.00 |     | -1.00 |     | -1.00 |      | -1.00 |      | -1.00 |    | -1.00 |
| ----- YEAR 2012 -----          |      |       |     |       |     |       |      |       |      |       |    |       |
| SEASONAL ENERGY SALES          |      | 0.10  |     | 0.09  |     | 0.09  |      | 0.10  |      | 0.09  |    | 0.09  |
| SEASONAL PEAK AT METER         |      | 0.98  |     | 0.81  |     | 0.86  |      | 0.95  |      | 0.94  |    | 1.00  |
| ----- YEAR 2013 -----          |      |       |     |       |     |       |      |       |      |       |    |       |
| SEASONAL ENERGY SALES          |      | 0.10  |     | 0.09  |     | 0.09  |      | 0.10  |      | 0.09  |    | 0.09  |
| SEASONAL PEAK AT METER         |      | 0.98  |     | 0.80  |     | 0.86  |      | 0.95  |      | 0.95  |    | 1.00  |

## 1 A Input Summary.txt

[illegible]

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
|                        |      | 1 A Input Summary.txt |      |      |      |      |      |
| SEASONAL PEAK AT METER | 0.99 | 0.74                  | 0.83 | 0.96 | 0.91 | 1.00 | 1.00 |
| ----- YEAR 2039 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.10 | 0.09                  | 0.09 | 0.10 | 0.09 | 0.12 | 0.09 |
| SEASONAL PEAK AT METER | 0.99 | 0.74                  | 0.83 | 0.96 | 0.91 | 1.00 | 1.00 |
| ----- YEAR 2040 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.10 | 0.09                  | 0.09 | 0.10 | 0.09 | 0.12 | 0.09 |
| SEASONAL PEAK AT METER | 0.99 | 0.74                  | 0.83 | 0.96 | 0.91 | 1.00 | 1.00 |

===== SEASON 1 JANUARY =====  
LOAD GROUP 15 16

|                                |             |
|--------------------------------|-------------|
| ----- YEAR 2011 -----          |             |
| CHANGE IN PEAK IMPACT          | -1.00 -1.00 |
| SEASONAL ENERGY SALES          | 0.08 0.11   |
| SEASONAL LOSS PERCENT          | 0.00 0.00   |
| SEASONAL PEAK AT METER         | 1.00 1.00   |
| SEASONAL T AND D DEMAND CREDIT | -1.00 -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 -1.00 |

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD GROUP.

===== SEASON 1 JANUARY =====  
LOAD GROUP 15 16

----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====  
LOAD GROUP 1 2 3 4 5 13 14  
APCO CSP I&M KPCO OPCO

## 1 A Input Summary.txt

|                                |  |       |       |       |       |       |       |       |
|--------------------------------|--|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----          |  |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          |  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL LOSS PERCENT          |  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.80  | 0.83  | 0.99  | 0.91  | 0.85  | 0.97  |
| SEASONAL T AND D DEMAND CREDIT |  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT |  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.80  | 0.83  | 1.00  | 0.91  | 0.85  | 0.97  |
| ----- YEAR 2013 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.80  | 0.83  | 1.00  | 0.91  | 0.85  | 0.97  |
| ----- YEAR 2014 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.80  | 0.83  | 1.00  | 0.91  | 0.85  | 0.97  |
| ----- YEAR 2015 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.80  | 0.83  | 1.00  | 0.91  | 0.85  | 0.97  |
| ----- YEAR 2016 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.79  | 0.83  | 1.00  | 0.91  | 0.85  | 0.97  |
| ----- YEAR 2017 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.79  | 0.83  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2018 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.78  | 0.83  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2019 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.78  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2020 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.78  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2021 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.78  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2022 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.78  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2023 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.77  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2024 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.77  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2025 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.77  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2026 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.77  | 0.82  | 1.00  | 0.90  | 0.85  | 0.97  |
| ----- YEAR 2027 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.77  | 0.82  | 1.00  | 0.87  | 0.85  | 0.97  |
| ----- YEAR 2028 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.76  | 0.81  | 1.00  | 0.87  | 0.85  | 0.97  |
| ----- YEAR 2029 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.76  | 0.81  | 1.00  | 0.87  | 0.85  | 0.97  |
| ----- YEAR 2030 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.09  | 0.08  | 0.08  | 0.09  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.76  | 0.81  | 1.00  | 0.87  | 0.85  | 0.97  |
| ----- YEAR 2                   |  |       |       |       |       |       |       |       |

| 1 A Input Summary.txt  |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| SEASONAL ENERGY SALES  | 0.09 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 1.00 | 0.75 | 0.81 | 1.00 | 0.86 | 0.85 | 0.97 |
| ----- YEAR 2035 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 1.00 | 0.75 | 0.81 | 1.00 | 0.86 | 0.85 | 0.97 |
| ----- YEAR 2036 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 1.00 | 0.74 | 0.80 | 1.00 | 0.86 | 0.85 | 0.97 |
| ----- YEAR 2037 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 1.00 | 0.74 | 0.80 | 1.00 | 0.86 | 0.85 | 0.97 |
| ----- YEAR 2038 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 1.00 | 0.74 | 0.80 | 1.00 | 0.86 | 0.85 | 0.97 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
\* 02/12/13 08:26:26 V04.0 R03.0

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD GROUP.

| ===== SEASON 2 FEBRUARY =====  |       |       |      |      |      |      |      |
|--------------------------------|-------|-------|------|------|------|------|------|
| LOAD GROUP                     | 1     | 2     | 3    | 4    | 5    | 13   | 14   |
|                                | APCO  | CSP   | I&M  | KPCO | OPCO |      |      |
| ----- YEAR 2039 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.08  | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER         | 1.00  | 0.74  | 0.80 | 1.00 | 0.86 | 0.85 | 0.97 |
| ----- YEAR 2040 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.08  | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 |
| ===== SEASON 2 FEBRUARY =====  |       |       |      |      |      |      |      |
| LOAD GROUP                     | 15    | 16    |      |      |      |      |      |
| ----- YEAR 2011 -----          |       |       |      |      |      |      |      |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08  | 0.09  |      |      |      |      |      |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  |      |      |      |      |      |
| SEASONAL PEAK AT METER         | 1.00  | 0.98  |      |      |      |      |      |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 |      |      |      |      |      |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 |      |      |      |      |      |
| ----- YEAR 2012 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2013 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2014 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2015 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2016 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2017 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2018 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2019 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2020 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2021 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2022 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2023 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2024 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2025 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2026 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2027 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2028 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2029 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2030 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2031 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2032 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2033 -----          |       |       |      |      |      |      |      |

1 A Input Summary.txt

----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 3 MARCH =====     |  |       |       |       |       |       |       |       |
|--------------------------------|--|-------|-------|-------|-------|-------|-------|-------|
| LOAD GROUP                     |  | 1     | 2     | 3     | 4     | 5     | 13    | 14    |
|                                |  | APCO  | CSP   | I&M   | KPCO  | OPCO  |       |       |
| ----- YEAR 2011 -----          |  |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          |  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL LOSS PERCENT          |  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         |  | 0.86  | 0.74  | 0.77  | 0.84  | 0.89  | 0.73  | 0.94  |
| SEASONAL T AND D DEMAND CREDIT |  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT |  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.89  | 0.75  | 0.78  | 0.87  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2013 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.90  | 0.75  | 0.78  | 0.80  | 0.90  | 0.73  | 0.94  |
| ----- YEAR 2014 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.90  | 0.75  | 0.78  | 0.80  | 0.90  | 0.73  | 0.94  |
| ----- YEAR 2015 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.75  | 0.78  | 0.80  | 0.90  | 0.73  | 0.94  |
| ----- YEAR 2016 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.89  | 0.73  | 0.77  | 0.82  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2017 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.74  | 0.78  | 0.80  | 0.90  | 0.73  | 0.94  |
| ----- YEAR 2018 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.74  | 0.78  | 0.80  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2019 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.74  | 0.78  | 0.80  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2020 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.73  | 0.78  | 0.80  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2021 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.89  | 0.71  | 0.76  | 0.82  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2022 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.89  | 0.71  | 0.76  | 0.82  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2023 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.72  | 0.77  | 0.80  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2024 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.72  | 0.77  | 0.80  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2025 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.72  | 0.77  | 0.81  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2026 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.91  | 0.72  | 0.77  | 0.81  | 0.89  | 0.73  | 0.94  |
| ----- YEAR 2027 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.89  | 0.69  | 0.76  | 0.82  | 0.85  | 0.73  | 0.94  |
| ----- YEAR 2028 -----          |  |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  | 0.08  | 0.09  | 0.09  | 0.09  | 0.09  |
| SEASONAL PEAK AT METER         |  | 0.89  | 0.69  | 0.76  | 0.82  | 0.85  | 0.73  | 0.94  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD GROUP.

| ===== SEASON 3 MARCH =====     |  | 1     |  | 2     |  | 3    |  | 4    |  | 5    |  | 13   | 14   |
|--------------------------------|--|-------|--|-------|--|------|--|------|--|------|--|------|------|
| LOAD GROUP                     |  | APCO  |  | CSP   |  | I&M  |  | KPCO |  | OPCO |  |      |      |
| ----- YEAR 2029 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.91  |  | 0.71  |  | 0.77 |  | 0.81 |  | 0.86 |  | 0.73 | 0.94 |
| ----- YEAR 2030 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.91  |  | 0.71  |  | 0.76 |  | 0.80 |  | 0.86 |  | 0.73 | 0.94 |
| ----- YEAR 2031 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.91  |  | 0.71  |  | 0.76 |  | 0.81 |  | 0.86 |  | 0.73 | 0.94 |
| ----- YEAR 2032 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.89  |  | 0.68  |  | 0.75 |  | 0.82 |  | 0.85 |  | 0.73 | 0.94 |
| ----- YEAR 2033 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.89  |  | 0.68  |  | 0.75 |  | 0.82 |  | 0.85 |  | 0.73 | 0.94 |
| ----- YEAR 2034 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.91  |  | 0.70  |  | 0.76 |  | 0.81 |  | 0.85 |  | 0.73 | 0.94 |
| ----- YEAR 2035 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.91  |  | 0.69  |  | 0.76 |  | 0.81 |  | 0.85 |  | 0.73 | 0.94 |
| ----- YEAR 2036 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.08 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.91  |  | 0.72  |  | 0.76 |  | 0.84 |  | 0.87 |  | 0.73 | 0.94 |
| ----- YEAR 2037 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.08 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.91  |  | 0.69  |  | 0.76 |  | 0.81 |  | 0.85 |  | 0.73 | 0.94 |
| ----- YEAR 2038 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.89  |  | 0.67  |  | 0.74 |  | 0.82 |  | 0.84 |  | 0.73 | 0.94 |
| ----- YEAR 2039 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.09 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.89  |  | 0.67  |  | 0.75 |  | 0.82 |  | 0.84 |  | 0.73 | 0.94 |
| ----- YEAR 2040 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  | 0.08 |  | 0.08 |  | 0.09 |  | 0.09 | 0.09 |
| SEASONAL PEAK AT METER         |  | 0.89  |  | 0.67  |  | 0.75 |  | 0.81 |  | 0.84 |  | 0.73 | 0.94 |
| ===== SEASON 3 MARCH =====     |  |       |  |       |  |      |  |      |  |      |  |      |      |
| LOAD GROUP                     |  | 15    |  | 16    |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2011 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| CHANGE IN PEAK IMPACT          |  | -1.00 |  | -1.00 |  |      |  |      |  |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  |  | 0.08  |  |      |  |      |  |      |  |      |      |
| SEASONAL LOSS PERCENT          |  | 0.00  |  | 0.00  |  |      |  |      |  |      |  |      |      |
| SEASONAL PEAK AT METER         |  | 1.00  |  | 0.79  |  |      |  |      |  |      |  |      |      |
| SEASONAL T AND D DEMAND CREDIT |  | -1.00 |  | -1.00 |  |      |  |      |  |      |  |      |      |
| SEASONAL T AND D ENERGY CREDIT |  | -1.00 |  | -1.00 |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2012 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2013 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2014 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2015 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2016 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2017 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2018 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2019 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2020 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2021 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2022 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2023 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |
| ----- YEAR 2024 -----          |  |       |  |       |  |      |  |      |  |      |  |      |      |

1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 4 APRIL =====     |       |       |       |       |       |       |       |  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|--|
| LOAD GROUP                     | 1     | 2     | 3     | 4     | 5     | 13    | 14    |  |
|                                | APCO  | CSP   | I&M   | KPCO  | OPCO  |       |       |  |
| ----- YEAR 2011 -----          |       |       |       |       |       |       |       |  |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |  |
| SEASONAL PEAK AT METER         | 0.73  | 0.66  | 0.73  | 0.74  | 0.82  | 0.63  | 0.92  |  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |  |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |  |
| ----- YEAR 2012 -----          |       |       |       |       |       |       |       |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL PEAK AT METER         | 0.74  | 0.65  | 0.72  | 0.76  | 0.82  | 0.63  | 0.92  |  |
| ----- YEAR 2013 -----          |       |       |       |       |       |       |       |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL PEAK AT METER         | 0.75  | 0.65  | 0.73  | 0.69  | 0.82  | 0.63  | 0.92  |  |
| ----- YEAR 2014 -----          |       |       |       |       |       |       |       |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL PEAK AT METER         | 0.75  | 0.65  | 0.73  | 0.69  | 0.82  | 0.63  | 0.92  |  |
| ----- YEAR 2015 -----          |       |       |       |       |       |       |       |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL PEAK AT METER         | 0.75  | 0.65  | 0.73  | 0.69  | 0.82  | 0.63  | 0.92  |  |
| ----- YEAR 2016 -----          |       |       |       |       |       |       |       |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL PEAK AT METER         | 0.75  | 0.64  | 0.73  | 0.69  | 0.82  | 0.63  | 0.92  |  |
| ----- YEAR 2017 -----          |       |       |       |       |       |       |       |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL PEAK AT METER         | 0.76  | 0.64  | 0.72  | 0.70  | 0.82  | 0.63  | 0.92  |  |
| ----- YEAR 2018 -----          |       |       |       |       |       |       |       |  |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  |  |
| SEASONAL PEAK AT METER         | 0.76  | 0.64  | 0.72  | 0.70  | 0.82  | 0.63  | 0.92  |  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| ===== SEASON 4 APRIL ===== |      |      |      |      |      |      |      |  |
|----------------------------|------|------|------|------|------|------|------|--|
| LOAD GROUP                 | 1    | 2    | 3    | 4    | 5    | 13   | 14   |  |
|                            | APCO | CSP  | I&M  | KPCO | OPCO |      |      |  |
| ----- YEAR 2019 -----      |      |      |      |      |      |      |      |  |
| SEASONAL ENERGY SALES      | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |  |
| SEASONAL PEAK AT METER     | 0.76 | 0.63 | 0.72 | 0.70 | 0.82 | 0.63 | 0.92 |  |
| ----- YEAR 2020 -----      |      |      |      |      |      |      |      |  |
| SEASONAL ENERGY SALES      | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |  |
| SEASONAL PEAK AT METER     | 0.76 | 0.63 | 0.73 | 0.70 | 0.82 | 0.63 | 0.92 |  |
| ----- YEAR 2021 -----      |      |      |      |      |      |      |      |  |
| SEASONAL ENERGY SALES      | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |  |



| 1 A Input Summary.txt          |       |       |      |      |      |      |      |
|--------------------------------|-------|-------|------|------|------|------|------|
| SEASONAL PEAK AT METER         | 0.76  | 0.63  | 0.73 | 0.70 | 0.82 | 0.63 | 0.92 |
| ----- YEAR 2022 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.63  | 0.73 | 0.70 | 0.82 | 0.63 | 0.92 |
| ----- YEAR 2023 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.62  | 0.72 | 0.70 | 0.82 | 0.63 | 0.92 |
| ----- YEAR 2024 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.62  | 0.72 | 0.70 | 0.82 | 0.63 | 0.92 |
| ----- YEAR 2025 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.62  | 0.72 | 0.70 | 0.82 | 0.63 | 0.92 |
| ----- YEAR 2026 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.62  | 0.72 | 0.70 | 0.82 | 0.63 | 0.92 |
| ----- YEAR 2027 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.62  | 0.72 | 0.70 | 0.77 | 0.63 | 0.92 |
| ----- YEAR 2028 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.62  | 0.72 | 0.70 | 0.77 | 0.63 | 0.92 |
| ----- YEAR 2029 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.61  | 0.72 | 0.70 | 0.77 | 0.63 | 0.92 |
| ----- YEAR 2030 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.61  | 0.72 | 0.70 | 0.77 | 0.63 | 0.92 |
| ----- YEAR 2031 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.61  | 0.72 | 0.70 | 0.77 | 0.63 | 0.92 |
| ----- YEAR 2032 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.61  | 0.72 | 0.70 | 0.77 | 0.63 | 0.92 |
| ----- YEAR 2033 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.61  | 0.72 | 0.70 | 0.77 | 0.63 | 0.92 |
| ----- YEAR 2034 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.61  | 0.71 | 0.71 | 0.76 | 0.63 | 0.92 |
| ----- YEAR 2035 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.61  | 0.71 | 0.71 | 0.76 | 0.63 | 0.92 |
| ----- YEAR 2036 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.60  | 0.71 | 0.71 | 0.76 | 0.63 | 0.92 |
| ----- YEAR 2037 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.60  | 0.71 | 0.70 | 0.76 | 0.63 | 0.92 |
| ----- YEAR 2038 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.77  | 0.60  | 0.71 | 0.70 | 0.76 | 0.63 | 0.92 |
| ----- YEAR 2039 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.60  | 0.71 | 0.70 | 0.76 | 0.63 | 0.92 |
| ----- YEAR 2040 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.07  | 0.07  | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER         | 0.76  | 0.60  | 0.71 | 0.71 | 0.76 | 0.63 | 0.92 |
| ===== SEASON 4 APRIL =====     |       |       |      |      |      |      |      |
| LOAD GROUP                     | 15    | 16    |      |      |      |      |      |
| ----- YEAR 2011 -----          |       |       |      |      |      |      |      |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08  | 0.07  |      |      |      |      |      |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  |      |      |      |      |      |
| SEASONAL PEAK AT METER         | 1.00  | 0.67  |      |      |      |      |      |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 |      |      |      |      |      |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 |      |      |      |      |      |
| ----- YEAR 2012 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2013 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2014 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2015 -----          |       |       |      |      |      |      |      |

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP                     | APCO  | CSP   | I&M   | KPCO  | OPCO  | 13    | 14    |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| ===== SEASON 5                 |       |       |       |       |       |       |       |
| MAY =====                      |       |       |       |       |       |       |       |
| ----- YEAR 2011 -----          |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 0.66  | 0.82  | 0.74  | 0.76  | 0.81  | 0.56  | 0.90  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.68  | 0.81  | 0.74  | 0.70  | 0.82  | 0.56  | 0.90  |
| ----- YEAR 2013 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.07  | 0.08  | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.68  | 0.81  | 0.74  | 0.64  | 0.82  | 0.56  | 0.90  |
| ----- YEAR 2014 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.07  | 0.08  | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.68  | 0.81  | 0.75  | 0.64  | 0.82  | 0.56  | 0.90  |
| ----- YEAR 2015 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.07  | 0.08  | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.68  | 0.81  | 0.75  | 0.64  | 0.83  | 0.56  | 0.90  |
| ----- YEAR 2016 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.07  | 0.08  | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.68  | 0.81  | 0.75  | 0.64  | 0.83  | 0.56  | 0.90  |
| ----- YEAR 2017 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.69  | 0.81  | 0.75  | 0.64  | 0.83  | 0.56  | 0.90  |
| ----- YEAR 2018 -----          |       |       |       |       |       |       |       |

[illegible]

1 A Input Summary.txt

|                                |   |       |       |
|--------------------------------|---|-------|-------|
| SEASONAL LOSS PERCENT          | % | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         |   | 1.00  | 0.67  |
| SEASONAL T AND D DEMAND CREDIT |   | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT |   | -1.00 | -1.00 |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

===== SEASON 5 MAY =====  
 LOAD GROUP 15 16

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 6 JUNE =====  
 LOAD GROUP 1 2 3 4 5 13 14  
 APCO CSP I&M KPCO OPCO

|                                |        |       |       |       |       |       |       |
|--------------------------------|--------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----          |        |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          | -1.00  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.08   | 0.08  | 0.08  | 0.08  | 0.08  | 0.06  | 0.08  |
| SEASONAL LOSS PERCENT          | % 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 0.79   | 0.87  | 0.92  | 0.79  | 0.93  | 0.52  | 0.89  |
| SEASONAL T AND D DEMAND CREDIT | -1.00  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |        |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08   | 0.08  | 0.08  | 0.08  | 0.08  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.80   | 0.86  | 0.92  | 0.80  | 0.94  | 0.52  | 0.89  |
| ----- YEAR 2013 -----          |        |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08   | 0.08  | 0.08  | 0.08  | 0.08  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.81   | 0.86  | 0.92  | 0.72  | 0.94  | 0.52  | 0.89  |

## 1 A Input Summary.txt

[illegible]

SEASONAL PEAK AT METER

0.86

1 A Input Summary.txt  
0.85 0.92

0.76

0.92

0.52

0.89

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD GROUP.

| ===== SEASON 6 JUNE =====      |  |       |       |      |      |      |  |      |      |
|--------------------------------|--|-------|-------|------|------|------|--|------|------|
| LOAD GROUP                     |  | 1     | 2     | 3    | 4    | 5    |  | 13   | 14   |
|                                |  | APCO  | CSP   | I&M  | KPCO | OPCO |  |      |      |
| ----- YEAR 2039 -----          |  |       |       |      |      |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.09  | 0.09 | 0.08 | 0.08 |  | 0.06 | 0.08 |
| SEASONAL PEAK AT METER         |  | 0.86  | 0.85  | 0.92 | 0.76 | 0.92 |  | 0.52 | 0.89 |
| ----- YEAR 2040 -----          |  |       |       |      |      |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.09  | 0.09 | 0.08 | 0.08 |  | 0.06 | 0.08 |
| SEASONAL PEAK AT METER         |  | 0.86  | 0.85  | 0.92 | 0.76 | 0.92 |  | 0.52 | 0.89 |
| ===== SEASON 6 JUNE =====      |  |       |       |      |      |      |  |      |      |
| LOAD GROUP                     |  | 15    | 16    |      |      |      |  |      |      |
| ----- YEAR 2011 -----          |  |       |       |      |      |      |  |      |      |
| CHANGE IN PEAK IMPACT          |  | -1.00 | -1.00 |      |      |      |  |      |      |
| SEASONAL ENERGY SALES          |  | 0.08  | 0.08  |      |      |      |  |      |      |
| SEASONAL LOSS PERCENT          |  | 0.00  | 0.00  |      |      |      |  |      |      |
| SEASONAL PEAK AT METER         |  | 1.00  | 0.86  |      |      |      |  |      |      |
| SEASONAL T AND D DEMAND CREDIT |  | -1.00 | -1.00 |      |      |      |  |      |      |
| SEASONAL T AND D ENERGY CREDIT |  | -1.00 | -1.00 |      |      |      |  |      |      |
| ----- YEAR 2012 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2013 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2014 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2015 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2016 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2017 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2018 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2019 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2020 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2021 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2022 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2023 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2024 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2025 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2026 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2027 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2028 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2029 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2030 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2031 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2032 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2033 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2034 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2035 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2036 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2037 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2038 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2039 -----          |  |       |       |      |      |      |  |      |      |
| ----- YEAR 2040 -----          |  |       |       |      |      |      |  |      |      |
| ===== SEASON 7 JULY =====      |  |       |       |      |      |      |  |      |      |

| 1 A Input Summary.txt          |       |       |       |       |       |       |       |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| LOAD GROUP                     | 1     | 2     | 3     | 4     | 5     | 13    | 14    |
|                                | APCO  | CSP   | I&M   | KPCO  | OPCO  |       |       |
| ----- YEAR 2011 -----          |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.08  | 0.09  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 0.77  | 0.97  | 1.00  | 0.83  | 1.00  | 0.50  | 0.89  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.09  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.80  | 0.97  | 1.00  | 0.83  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2013 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.80  | 0.97  | 1.00  | 0.75  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2014 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.80  | 0.97  | 1.00  | 0.75  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2015 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.80  | 0.97  | 1.00  | 0.75  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2016 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.09  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.80  | 0.97  | 1.00  | 0.75  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2017 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.81  | 0.97  | 1.00  | 0.76  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2018 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.81  | 0.97  | 1.00  | 0.76  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2019 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.81  | 0.97  | 1.00  | 0.76  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2020 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.82  | 0.97  | 1.00  | 0.76  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2021 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.82  | 0.97  | 1.00  | 0.76  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2022 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.82  | 0.97  | 1.00  | 0.76  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2023 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.82  | 0.97  | 1.00  | 0.76  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2024 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.83  | 0.97  | 1.00  | 0.77  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2025 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.83  | 0.97  | 1.00  | 0.77  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2026 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.83  | 0.97  | 1.00  | 0.77  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2027 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.83  | 0.97  | 1.00  | 0.77  | 1.00  | 0.50  | 0.89  |
| ----- YEAR 2028 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09  | 0.08  | 0.09  | 0.06  | 0.08  |
| SEASONAL PEAK AT METER         | 0.83  | 0.97  | 1.00  | 0.77  | 1.00  | 0.50  | 0.89  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
# 02/12/13 08:26:27 V04.0 R03.0

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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD GROUP.

| ----- SEASON 7 JULY ----- |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| LOAD GROUP                | 1    | 2    | 3    | 4    | 5    | 13   | 14   |
|                           | APCO | CSP  | I&M  | KPCO | OPCO |      |      |
| ----- YEAR 2029 -----     |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES     | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER    | 0.84 | 0.97 | 1.00 | 0.77 | 1.00 | 0.50 | 0.89 |

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| ----- YEAR 2030 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.97 | 1.00 | 0.78 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2031 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.97 | 1.00 | 0.78 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2032 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.97 | 1.00 | 0.78 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2033 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.97 | 1.00 | 0.78 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2034 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.97 | 1.00 | 0.78 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2035 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.85 | 0.97 | 1.00 | 0.78 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2036 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.85 | 0.97 | 1.00 | 0.79 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2037 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.85 | 0.97 | 1.00 | 0.79 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2038 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.85 | 0.97 | 1.00 | 0.79 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2039 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.85 | 0.97 | 1.00 | 0.79 | 1.00 | 0.50 | 0.89 |
| ----- YEAR 2040 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.10 | 0.09 | 0.08 | 0.09 | 0.06 | 0.08 |
| SEASONAL PEAK AT METER | 0.85 | 0.97 | 1.00 | 0.79 | 1.00 | 0.50 | 0.89 |

===== SEASON 7      JULY =====  
LOAD GROUP                              15                      16

----- YEAR 2011 -----  
CHANGE IN PEAK IMPACT  
SEASONAL ENERGY SALES  
SEASONAL LOSS PERCENT  
SEASONAL PEAK AT METER  
SEASONAL T AND D DEMAND CREDIT  
SEASONAL T AND D ENERGY CREDIT

-1.00      -1.00  
0.08      0.09  
0.00      0.00  
1.00      0.96  
-1.00      -1.00  
-1.00      -1.00

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----



## 1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD GROUP                     | SEASON 8 | AUGUST | 1     | 2     | 3     | 4     | 5     | 13    | 14    |
|--------------------------------|----------|--------|-------|-------|-------|-------|-------|-------|-------|
|                                | APCO     | CSP    | I&M   | KPCO  | OPCO  |       |       |       |       |
| ----- YEAR 2011 -----          |          |        |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          | -1.00    | -1.00  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |
| SEASONAL LOSS PERCENT          | 0.00     | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |       |
| SEASONAL PEAK AT METER         | 0.84     | 1.00   | 1.00  | 0.90  | 0.98  | 0.54  | 0.90  |       |       |
| SEASONAL T AND D DEMAND CREDIT | -1.00    | -1.00  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |       |
| SEASONAL T AND D ENERGY CREDIT | -1.00    | -1.00  | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |       |
| ----- YEAR 2012 -----          |          |        |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |       |
| SEASONAL PEAK AT METER         | 0.86     | 1.00   | 1.00  | 0.89  | 0.98  | 0.54  | 0.90  |       |       |
| ----- YEAR 2013 -----          |          |        |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |       |
| SEASONAL PEAK AT METER         | 0.86     | 1.00   | 1.00  | 0.81  | 0.98  | 0.54  | 0.90  |       |       |
| ----- YEAR 2014 -----          |          |        |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |       |
| SEASONAL PEAK AT METER         | 0.86     | 1.00   | 1.00  | 0.81  | 0.98  | 0.54  | 0.90  |       |       |
| ----- YEAR 2015 -----          |          |        |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |       |
| SEASONAL PEAK AT METER         | 0.87     | 1.00   | 1.00  | 0.81  | 0.98  | 0.54  | 0.90  |       |       |
| ----- YEAR 2016 -----          |          |        |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |       |
| SEASONAL PEAK AT METER         | 0.87     | 1.00   | 1.00  | 0.81  | 0.98  | 0.54  | 0.90  |       |       |
| ----- YEAR 2017 -----          |          |        |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |       |
| SEASONAL PEAK AT METER         | 0.87     | 1.00   | 1.00  | 0.81  | 0.98  | 0.54  | 0.90  |       |       |
| ----- YEAR 2018 -----          |          |        |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.09     | 0.09   | 0.09  | 0.09  | 0.09  | 0.07  | 0.08  |       |       |
| SEASONAL PEAK AT METER         | 0.87     | 1.00   | 1.00  | 0.81  | 0.98  | 0.54  | 0.90  |       |       |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:26:27 V04.0 R03.0

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP             | SEASON 8 | AUGUST | 1    | 2    | 3    | 4    | 5    | 13 | 14 |
|------------------------|----------|--------|------|------|------|------|------|----|----|
|                        | APCO     | CSP    | I&M  | KPCO | OPCO |      |      |    |    |
| ----- YEAR 2019 -----  |          |        |      |      |      |      |      |    |    |
| SEASONAL ENERGY SALES  | 0.09     | 0.09   | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |    |    |
| SEASONAL PEAK AT METER | 0.88     | 1.00   | 1.00 | 0.82 | 0.98 | 0.54 | 0.90 |    |    |
| ----- YEAR 2020 -----  |          |        |      |      |      |      |      |    |    |
| SEASONAL ENERGY SALES  | 0.09     | 0.09   | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |    |    |
| SEASONAL PEAK AT METER | 0.88     | 1.00   | 1.00 | 0.82 | 0.98 | 0.54 | 0.90 |    |    |
| ----- YEAR 2021 -----  |          |        |      |      |      |      |      |    |    |
| SEASONAL ENERGY SALES  | 0.09     | 0.09   | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |    |    |
| SEASONAL PEAK AT METER | 0.88     | 1.00   | 1.00 | 0.82 | 0.98 | 0.54 | 0.90 |    |    |
| ----- YEAR 2022 -----  |          |        |      |      |      |      |      |    |    |
| SEASONAL ENERGY SALES  | 0.09     | 0.09   | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |    |    |
| SEASONAL PEAK AT METER | 0.88     | 1.00   | 1.00 | 0.82 | 0.98 | 0.54 | 0.90 |    |    |
| ----- YEAR 2023 -----  |          |        |      |      |      |      |      |    |    |
| SEASONAL ENERGY SALES  | 0.09     | 0.09   | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |    |    |
| SEASONAL PEAK AT METER | 0.89     | 1.00   | 1.00 | 0.82 | 0.98 | 0.54 | 0.90 |    |    |
| ----- YEAR 2024 -----  |          |        |      |      |      |      |      |    |    |
| SEASONAL ENERGY SALES  | 0.09     | 0.09   | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |    |    |
| SEASONAL PEAK AT METER | 0.89     | 1.00   | 1.00 | 0.82 | 0.98 | 0.54 | 0.90 |    |    |
| ----- YEAR 2025 -----  |          |        |      |      |      |      |      |    |    |
| SEASONAL ENERGY SALES  | 0.09     | 0.09   | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |    |    |
| SEASONAL PEAK AT METER | 0.89     | 1.00   | 1.00 | 0.83 | 0.98 | 0.54 | 0.90 |    |    |

1 A Input Summary.txt

|                                |       |       |      |      |      |      |      |
|--------------------------------|-------|-------|------|------|------|------|------|
| ----- YEAR 2026 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.89  | 1.00  | 1.00 | 0.83 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2027 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.90  | 1.00  | 1.00 | 0.83 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2028 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.90  | 1.00  | 1.00 | 0.83 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2029 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.90  | 1.00  | 1.00 | 0.83 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2030 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.90  | 1.00  | 1.00 | 0.83 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2031 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.90  | 1.00  | 1.00 | 0.84 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2032 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.91  | 1.00  | 1.00 | 0.84 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2033 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.91  | 1.00  | 1.00 | 0.84 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2034 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.91  | 1.00  | 1.00 | 0.84 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2035 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.91  | 1.00  | 1.00 | 0.84 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2036 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.92  | 1.00  | 1.00 | 0.84 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2037 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.09  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.92  | 1.00  | 1.00 | 0.84 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2038 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.92  | 1.00  | 1.00 | 0.85 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2039 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.92  | 1.00  | 1.00 | 0.85 | 0.98 | 0.54 | 0.90 |
| ----- YEAR 2040 -----          |       |       |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09  | 0.10  | 0.09 | 0.09 | 0.09 | 0.07 | 0.08 |
| SEASONAL PEAK AT METER         | 0.92  | 1.00  | 1.00 | 0.85 | 0.98 | 0.54 | 0.90 |
| ===== SEASON 8 AUGUST =====    |       |       |      |      |      |      |      |
| LOAD GROUP                     |       | 15    | 16   |      |      |      |      |
| ----- YEAR 2011 -----          |       |       |      |      |      |      |      |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08  | 0.09  |      |      |      |      |      |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  |      |      |      |      |      |
| SEASONAL PEAK AT METER         | 1.00  | 0.98  |      |      |      |      |      |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 |      |      |      |      |      |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 |      |      |      |      |      |
| ----- YEAR 2012 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2013 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2014 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2015 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2016 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2017 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2018 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2019 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2020 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2021 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2022 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2023 -----          |       |       |      |      |      |      |      |
| ----- YEAR 2024 -----          |       |       |      |      |      |      |      |

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:26:27 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP                     | 1<br>APCO | 2<br>CSP | 3<br>I&M | 4<br>KPCO | 5<br>OPCO | 13    | 14    |
|--------------------------------|-----------|----------|----------|-----------|-----------|-------|-------|
| ===== SEASON 9 SEPTEMBER ===== |           |          |          |           |           |       |       |
| ----- YEAR 2011 -----          |           |          |          |           |           |       |       |
| CHANGE IN PEAK IMPACT          | -1.00     | -1.00    | -1.00    | -1.00     | -1.00     | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.07      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL LOSS PERCENT          | 0.00      | 0.00     | 0.00     | 0.00      | 0.00      | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 0.75      | 0.87     | 0.87     | 0.75      | 0.93      | 0.59  | 0.92  |
| SEASONAL T AND D DEMAND CREDIT | -1.00     | -1.00    | -1.00    | -1.00     | -1.00     | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00     | -1.00    | -1.00    | -1.00     | -1.00     | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.07      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.76      | 0.86     | 0.87     | 0.74      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2013 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.76      | 0.86     | 0.87     | 0.67      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2014 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.76      | 0.86     | 0.87     | 0.67      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2015 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.77      | 0.86     | 0.87     | 0.67      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2016 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.77      | 0.86     | 0.87     | 0.67      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2017 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.77      | 0.86     | 0.87     | 0.67      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2018 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.77      | 0.86     | 0.87     | 0.67      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2019 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.78      | 0.86     | 0.87     | 0.67      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2020 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.78      | 0.86     | 0.87     | 0.68      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2021 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |
| SEASONAL PEAK AT METER         | 0.78      | 0.85     | 0.87     | 0.68      | 0.93      | 0.59  | 0.92  |
| ----- YEAR 2022 -----          |           |          |          |           |           |       |       |
| SEASONAL ENERGY SALES          | 0.08      | 0.08     | 0.08     | 0.07      | 0.08      | 0.07  | 0.08  |

|                                |       |                       |      |      |      |      |      |  |
|--------------------------------|-------|-----------------------|------|------|------|------|------|--|
|                                |       | 1 A Input Summary.txt |      |      |      |      |      |  |
| SEASONAL PEAK AT METER         | 0.78  | 0.85                  | 0.87 | 0.68 | 0.93 | 0.59 | 0.92 |  |
| ----- YEAR 2023 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.79  | 0.85                  | 0.87 | 0.68 | 0.93 | 0.59 | 0.92 |  |
| ----- YEAR 2024 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.79  | 0.85                  | 0.87 | 0.68 | 0.93 | 0.59 | 0.92 |  |
| ----- YEAR 2025 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.79  | 0.85                  | 0.87 | 0.68 | 0.93 | 0.59 | 0.92 |  |
| ----- YEAR 2026 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.79  | 0.85                  | 0.87 | 0.68 | 0.93 | 0.59 | 0.92 |  |
| ----- YEAR 2027 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.79  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2028 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.80  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2029 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.80  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2030 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.80  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2031 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.80  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2032 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.80  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2033 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.80  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2034 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.81  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2035 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.81  | 0.85                  | 0.87 | 0.69 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2036 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.81  | 0.85                  | 0.87 | 0.70 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2037 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.81  | 0.84                  | 0.87 | 0.70 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2038 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.81  | 0.84                  | 0.87 | 0.70 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2039 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.82  | 0.84                  | 0.87 | 0.70 | 0.91 | 0.59 | 0.92 |  |
| ----- YEAR 2040 -----          |       |                       |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.08                  | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 |  |
| SEASONAL PEAK AT METER         | 0.82  | 0.84                  | 0.87 | 0.70 | 0.91 | 0.59 | 0.92 |  |
| ===== SEASON 9 SEPTEMBER ===== |       |                       |      |      |      |      |      |  |
| LOAD GROUP                     | 15    | 16                    |      |      |      |      |      |  |
| ----- YEAR 2011 -----          |       |                       |      |      |      |      |      |  |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00                 |      |      |      |      |      |  |
| SEASONAL ENERGY SALES          | 0.08  | 0.07                  |      |      |      |      |      |  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00                  |      |      |      |      |      |  |
| SEASONAL PEAK AT METER         | 1.00  | 0.85                  |      |      |      |      |      |  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00                 |      |      |      |      |      |  |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00                 |      |      |      |      |      |  |
| ----- YEAR 2012 -----          |       |                       |      |      |      |      |      |  |
| ----- YEAR 2013 -----          |       |                       |      |      |      |      |      |  |
| ----- YEAR 2014 -----          |       |                       |      |      |      |      |      |  |
| ----- YEAR 2015 -----          |       |                       |      |      |      |      |      |  |
| ----- YEAR 2016 -----          |       |                       |      |      |      |      |      |  |
| ----- YEAR 2017 -----          |       |                       |      |      |      |      |      |  |

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD GROUP.

===== SEASON 9 SEPTEMBER =====  
 LOAD GROUP 15 16

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====  
 LOAD GROUP 1 2 3 4 5 13 14  
 APCO CSP I&M KPCO OPCO

|                                |       |       |       |       |       |       |       |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----          |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  | 0.08  | 0.08  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 0.72  | 0.69  | 0.73  | 0.72  | 0.79  | 0.68  | 0.94  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  | 0.08  | 0.08  |
| SEASONAL PEAK AT METER         | 0.73  | 0.68  | 0.73  | 0.70  | 0.80  | 0.68  | 0.94  |
| ----- YEAR 2013 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  | 0.08  | 0.08  |
| SEASONAL PEAK AT METER         | 0.74  | 0.68  | 0.73  | 0.64  | 0.80  | 0.68  | 0.94  |
| ----- YEAR 2014 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  | 0.08  | 0.08  |
| SEASONAL PEAK AT METER         | 0.73  | 0.67  | 0.73  | 0.64  | 0.80  | 0.68  | 0.94  |
| ----- YEAR 2015 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.07  | 0.08  | 0.08  | 0.08  |
| SEASONAL PEAK AT METER         | 0.73  | 0.67  | 0.73  | 0.64  | 0.80  | 0.68  | 0.94  |
| ----- YEAR 2016 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.07  | 0.08  | 0.08  | 0.07  | 0.08  | 0.08  | 0.08  |
| SEASONAL PEAK AT METER         | 0.73  | 0.67  | 0.73  | 0.64  | 0.80  | 0.68  | 0.94  |
| ----- YEAR 2017 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.07  | 0.08  | 0.08  | 0.08  |
| SEASONAL PEAK AT METER         | 0.74  | 0.66  | 0.73  | 0.64  | 0.80  | 0.68  | 0.94  |
| ----- YEAR 2018 -----          |       |       |       |       |       |       |       |

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 A Input Summary.txt  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.74 | 0.66 | 0.73 | 0.64 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2019 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.74 | 0.66 | 0.73 | 0.64 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2020 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.74 | 0.66 | 0.73 | 0.64 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2021 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.74 | 0.66 | 0.73 | 0.64 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2022 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.74 | 0.65 | 0.73 | 0.64 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2023 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.75 | 0.65 | 0.73 | 0.65 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2024 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.75 | 0.65 | 0.73 | 0.65 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2025 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.75 | 0.65 | 0.73 | 0.65 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2026 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.75 | 0.65 | 0.73 | 0.65 | 0.80 | 0.68 | 0.94 |
| ----- YEAR 2027 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.75 | 0.65 | 0.73 | 0.65 | 0.75 | 0.68 | 0.94 |
| ----- YEAR 2028 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.75 | 0.65 | 0.73 | 0.65 | 0.75 | 0.68 | 0.94 |
| ----- YEAR 2029 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.65 | 0.73 | 0.65 | 0.75 | 0.68 | 0.94 |
| ----- YEAR 2030 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.65 | 0.73 | 0.65 | 0.75 | 0.68 | 0.94 |
| ----- YEAR 2031 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.65 | 0.73 | 0.65 | 0.75 | 0.68 | 0.94 |
| ----- YEAR 2032 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.65 | 0.73 | 0.65 | 0.74 | 0.68 | 0.94 |
| ----- YEAR 2033 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.65 | 0.73 | 0.65 | 0.74 | 0.68 | 0.94 |
| ----- YEAR 2034 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.77 | 0.65 | 0.73 | 0.66 | 0.74 | 0.68 | 0.94 |
| ----- YEAR 2035 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.65 | 0.73 | 0.66 | 0.74 | 0.68 | 0.94 |
| ----- YEAR 2036 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.65 | 0.73 | 0.66 | 0.74 | 0.68 | 0.94 |
| ----- YEAR 2037 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.64 | 0.73 | 0.66 | 0.74 | 0.68 | 0.94 |
| ----- YEAR 2038 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.64 | 0.72 | 0.66 | 0.74 | 0.68 | 0.94 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
‡ 02/12/13 08:26:28 V04.0 R03.0

AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD GROUP.

|                               |   |   |   |   |   |    |    |
|-------------------------------|---|---|---|---|---|----|----|
| ===== SEASON 10 OCTOBER ===== |   |   |   |   |   |    |    |
| LOAD GROUP                    | 1 | 2 | 3 | 4 | 5 | 13 | 14 |

|                        | APCO | 1 A Input Summary.txt |      | KPCO | OPCO |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
|                        |      | CSP                   | I&M  |      |      |      |      |
| ----- YEAR 2039 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.64                  | 0.72 | 0.66 | 0.74 | 0.68 | 0.94 |
| ----- YEAR 2040 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 |
| SEASONAL PEAK AT METER | 0.76 | 0.64                  | 0.72 | 0.66 | 0.74 | 0.68 | 0.94 |

===== SEASON 10 OCTOBER =====  
LOAD GROUP 15 16

|                                |       |       |
|--------------------------------|-------|-------|
| ----- YEAR 2011 -----          |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.08  | 0.07  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 1.00  | 0.63  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 |

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====  
LOAD GROUP 1 2 3 4 5 13 14

|                                | APCO  | CSP   | I&M   | KPCO  | OPCO  |       |       |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----          |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.08  | 0.08  | 0.09  | 0.08  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 0.81  | 0.73  | 0.73  | 0.85  | 0.86  | 0.79  | 0.96  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.08  | 0.08  | 0.09  | 0.08  |
| SEASONAL PEAK AT METER         | 0.82  | 0.75  | 0.74  | 0.82  | 0.88  | 0.79  | 0.96  |
| ----- YEAR 2013 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  | 0.08  | 0.08  | 0.08  | 0.09  | 0.08  |

| 1 A Input Summary.txt  |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
|                        | 0.82 | 0.70 | 0.74 | 0.75 | 0.83 | 0.79 | 0.96 |
| SEASONAL PEAK AT METER | 0.82 | 0.70 | 0.74 | 0.75 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2014 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.69 | 0.74 | 0.75 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2015 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.69 | 0.74 | 0.75 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2016 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.72 | 0.73 | 0.75 | 0.87 | 0.79 | 0.96 |
| ----- YEAR 2017 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.74 | 0.74 | 0.76 | 0.88 | 0.79 | 0.96 |
| ----- YEAR 2018 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.73 | 0.74 | 0.75 | 0.88 | 0.79 | 0.96 |
| ----- YEAR 2019 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.68 | 0.74 | 0.75 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2020 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.67 | 0.73 | 0.76 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2021 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.70 | 0.73 | 0.76 | 0.87 | 0.79 | 0.96 |
| ----- YEAR 2022 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.83 | 0.70 | 0.73 | 0.76 | 0.87 | 0.79 | 0.96 |
| ----- YEAR 2023 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.72 | 0.74 | 0.76 | 0.88 | 0.79 | 0.96 |
| ----- YEAR 2024 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.67 | 0.73 | 0.76 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2025 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.67 | 0.73 | 0.76 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2026 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.67 | 0.73 | 0.76 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2027 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.69 | 0.73 | 0.76 | 0.84 | 0.79 | 0.96 |
| ----- YEAR 2028 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.69 | 0.73 | 0.76 | 0.83 | 0.79 | 0.96 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
\* 02/12/13 08:26:28 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD GROUP.

| ===== SEASON 11 NOVEMBER ===== |      |      |      |      |      |      |      |
|--------------------------------|------|------|------|------|------|------|------|
| LOAD GROUP                     | 1    | 2    | 3    | 4    | 5    | 13   | 14   |
|                                | APCO | CSP  | I&M  | KPCO | OPCO |      |      |
| ----- YEAR 2029 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER         | 0.84 | 0.71 | 0.73 | 0.76 | 0.84 | 0.79 | 0.96 |
| ----- YEAR 2030 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER         | 0.84 | 0.66 | 0.73 | 0.76 | 0.79 | 0.79 | 0.96 |
| ----- YEAR 2031 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER         | 0.84 | 0.66 | 0.73 | 0.76 | 0.78 | 0.79 | 0.96 |
| ----- YEAR 2032 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER         | 0.84 | 0.68 | 0.72 | 0.76 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2033 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER         | 0.84 | 0.68 | 0.72 | 0.76 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2034 -----          |      |      |      |      |      |      |      |



|                        |      | 1 A Input Summary.txt |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.85 | 0.70                  | 0.73 | 0.77 | 0.84 | 0.79 | 0.96 |
| ----- YEAR 2035 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.69                  | 0.73 | 0.76 | 0.84 | 0.79 | 0.96 |
| ----- YEAR 2036 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.65                  | 0.72 | 0.76 | 0.78 | 0.79 | 0.96 |
| ----- YEAR 2037 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.65                  | 0.72 | 0.76 | 0.78 | 0.79 | 0.96 |
| ----- YEAR 2038 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.67                  | 0.72 | 0.76 | 0.83 | 0.79 | 0.96 |
| ----- YEAR 2039 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.66                  | 0.72 | 0.76 | 0.82 | 0.79 | 0.96 |
| ----- YEAR 2040 -----  |      |                       |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 |
| SEASONAL PEAK AT METER | 0.84 | 0.66                  | 0.72 | 0.76 | 0.82 | 0.79 | 0.96 |

===== SEASON 11 NOVEMBER =====

|            |    |    |
|------------|----|----|
| LOAD GROUP | 15 | 16 |
|------------|----|----|

|                                |       |       |
|--------------------------------|-------|-------|
| ----- YEAR 2011 -----          |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.08  | 0.08  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 1.00  | 0.79  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====

| 1 A Input Summary.txt          |       |       |       |       |       |       |       |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| LOAD GROUP                     | 1     | 2     | 3     | 4     | 5     | 13    | 14    |
|                                | APCO  | CSP   | I&M   | KPCO  | OPCO  |       |       |
| ----- YEAR 2011 -----          |       |       |       |       |       |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 0.91  | 0.79  | 0.80  | 0.98  | 0.88  | 0.93  | 1.00  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL PEAK AT METER         | 0.92  | 0.79  | 0.79  | 0.93  | 0.88  | 0.93  | 1.00  |
| ----- YEAR 2013 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL PEAK AT METER         | 0.92  | 0.78  | 0.79  | 0.85  | 0.88  | 0.93  | 1.00  |
| ----- YEAR 2014 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL PEAK AT METER         | 0.93  | 0.78  | 0.79  | 0.85  | 0.88  | 0.93  | 1.00  |
| ----- YEAR 2015 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL PEAK AT METER         | 0.94  | 0.78  | 0.79  | 0.85  | 0.88  | 0.93  | 1.00  |
| ----- YEAR 2016 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL PEAK AT METER         | 0.94  | 0.77  | 0.79  | 0.85  | 0.88  | 0.93  | 1.00  |
| ----- YEAR 2017 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL PEAK AT METER         | 0.94  | 0.77  | 0.78  | 0.85  | 0.88  | 0.93  | 1.00  |
| ----- YEAR 2018 -----          |       |       |       |       |       |       |       |
| SEASONAL ENERGY SALES          | 0.10  | 0.09  | 0.09  | 0.10  | 0.09  | 0.11  | 0.09  |
| SEASONAL PEAK AT METER         | 0.94  | 0.77  | 0.78  | 0.85  | 0.88  | 0.93  | 1.00  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
LOAD FORECAST ADJUSTMENT MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = LFA.INPUT.LOAD GROUP.

| ===== SEASON 12 DECEMBER ===== |      |      |      |      |      |      |      |
|--------------------------------|------|------|------|------|------|------|------|
| LOAD GROUP                     | 1    | 2    | 3    | 4    | 5    | 13   | 14   |
|                                | APCO | CSP  | I&M  | KPCO | OPCO |      |      |
| ----- YEAR 2019 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.10 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.77 | 0.78 | 0.85 | 0.88 | 0.93 | 1.00 |
| ----- YEAR 2020 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.10 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.76 | 0.78 | 0.85 | 0.88 | 0.93 | 1.00 |
| ----- YEAR 2021 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.10 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.76 | 0.78 | 0.85 | 0.88 | 0.93 | 1.00 |
| ----- YEAR 2022 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.10 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.76 | 0.78 | 0.85 | 0.88 | 0.93 | 1.00 |
| ----- YEAR 2023 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.95 | 0.76 | 0.77 | 0.85 | 0.88 | 0.93 | 1.00 |
| ----- YEAR 2024 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.76 | 0.78 | 0.85 | 0.87 | 0.93 | 1.00 |
| ----- YEAR 2025 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.10 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.76 | 0.78 | 0.85 | 0.87 | 0.93 | 1.00 |
| ----- YEAR 2026 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.75 | 0.77 | 0.85 | 0.87 | 0.93 | 1.00 |
| ----- YEAR 2027 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2028 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.94 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2029 -----          |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES          | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER         | 0.95 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| ----- YEAR 2030 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.95 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2031 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.94 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2032 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.94 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2033 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.94 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2034 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.95 | 0.75 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2035 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.95 | 0.74 | 0.77 | 0.85 | 0.84 | 0.93 | 1.00 |
| ----- YEAR 2036 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.95 | 0.74 | 0.77 | 0.85 | 0.83 | 0.93 | 1.00 |
| ----- YEAR 2037 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.94 | 0.74 | 0.76 | 0.85 | 0.83 | 0.93 | 1.00 |
| ----- YEAR 2038 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.94 | 0.74 | 0.76 | 0.85 | 0.83 | 0.93 | 1.00 |
| ----- YEAR 2039 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.94 | 0.74 | 0.76 | 0.85 | 0.83 | 0.93 | 1.00 |
| ----- YEAR 2040 -----  |      |      |      |      |      |      |      |
| SEASONAL ENERGY SALES  | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.09 |
| SEASONAL PEAK AT METER | 0.94 | 0.74 | 0.76 | 0.85 | 0.83 | 0.93 | 1.00 |

===== SEASON 12 DECEMBER =====  
LOAD GROUP 15 16

|                                |       |       |
|--------------------------------|-------|-------|
| ----- YEAR 2011 -----          |       |       |
| CHANGE IN PEAK IMPACT          | -1.00 | -1.00 |
| SEASONAL ENERGY SALES          | 0.08  | 0.11  |
| SEASONAL LOSS PERCENT          | 0.00  | 0.00  |
| SEASONAL PEAK AT METER         | 1.00  | 0.99  |
| SEASONAL T AND D DEMAND CREDIT | -1.00 | -1.00 |
| SEASONAL T AND D ENERGY CREDIT | -1.00 | -1.00 |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP<br>SEASONS | 1 APCO | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------|--------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2011 ----- |        |              |               |            |            |          |           |           |
| COINCIDENCE FACTOR    |        | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |
| ----- YEAR 2012 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2013 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2014 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2015 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2016 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2017 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2018 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2019 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2020 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2021 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2022 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2023 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2024 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2025 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2026 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2027 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2028 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2029 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2030 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2031 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2032 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2033 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2034 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2035 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2036 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2037 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2038 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2039 ----- |        |              |               |            |            |          |           |           |
| ----- YEAR 2040 ----- |        |              |               |            |            |          |           |           |

  

| LOAD GROUP<br>SEASONS | 1 APCO | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-----------------------|--------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 ----- |        |             |                |               |                |                |
| COINCIDENCE FACTOR    |        | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |

1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
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 ----- YEAR 2016 -----  
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 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2024 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
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 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD GROUP<br>SEASONS | 2 CSP        |               |            |            |          |           |           |
|-----------------------|--------------|---------------|------------|------------|----------|-----------|-----------|
|                       | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
| ----- YEAR 2011 ----- |              |               |            |            |          |           |           |
| COINCIDENCE FACTOR    | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |
| ----- YEAR 2012 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2013 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2014 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2015 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2016 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2017 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2018 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2019 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2020 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2021 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2022 ----- |              |               |            |            |          |           |           |
| ----- YEAR 2023 ----- |              |               |            |            |          |           |           |

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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1 A Input Summary.txt  
INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP<br>SEASONS | 2 CSP | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------|-------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2024 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2025 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2026 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2027 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2028 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2029 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2030 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2031 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2032 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2033 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2034 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2035 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2036 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2037 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2038 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2039 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2040 ----- |       |              |               |            |            |          |           |           |

| LOAD GROUP<br>SEASONS | 2 CSP | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-----------------------|-------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 ----- |       |             |                |               |                |                |
| COINCIDENCE FACTOR    |       | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |
| ----- YEAR 2012 ----- |       |             |                |               |                |                |
| ----- YEAR 2013 ----- |       |             |                |               |                |                |
| ----- YEAR 2014 ----- |       |             |                |               |                |                |
| ----- YEAR 2015 ----- |       |             |                |               |                |                |
| ----- YEAR 2016 ----- |       |             |                |               |                |                |
| ----- YEAR 2017 ----- |       |             |                |               |                |                |
| ----- YEAR 2018 ----- |       |             |                |               |                |                |
| ----- YEAR 2019 ----- |       |             |                |               |                |                |
| ----- YEAR 2020 ----- |       |             |                |               |                |                |
| ----- YEAR 2021 ----- |       |             |                |               |                |                |
| ----- YEAR 2022 ----- |       |             |                |               |                |                |
| ----- YEAR 2023 ----- |       |             |                |               |                |                |
| ----- YEAR 2024 ----- |       |             |                |               |                |                |
| ----- YEAR 2025 ----- |       |             |                |               |                |                |
| ----- YEAR 2026 ----- |       |             |                |               |                |                |
| ----- YEAR 2027 ----- |       |             |                |               |                |                |
| ----- YEAR 2028 ----- |       |             |                |               |                |                |
| ----- YEAR 2029 ----- |       |             |                |               |                |                |
| ----- YEAR 2030 ----- |       |             |                |               |                |                |
| ----- YEAR 2031 ----- |       |             |                |               |                |                |
| ----- YEAR 2032 ----- |       |             |                |               |                |                |
| ----- YEAR 2033 ----- |       |             |                |               |                |                |
| ----- YEAR 2034 ----- |       |             |                |               |                |                |
| ----- YEAR 2035 ----- |       |             |                |               |                |                |
| ----- YEAR 2036 ----- |       |             |                |               |                |                |

1 A Input Summary.txt

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD GROUP<br>SEASONS                       | 3 I&M | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|---------------------------------------------|-------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR |       | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |
| ----- YEAR 2012 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2013 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2014 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2015 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2016 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2017 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2018 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2019 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2020 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2021 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2022 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2023 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2024 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2025 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2026 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2027 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2028 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2029 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2030 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2031 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2032 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2033 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2034 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2035 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2036 -----                       |       |              |               |            |            |          |           |           |
| ----- YEAR 2037 -----                       |       |              |               |            |            |          |           |           |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP<br>SEASONS | 3 I&M | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------|-------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2038 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2039 ----- |       |              |               |            |            |          |           |           |
| ----- YEAR 2040 ----- |       |              |               |            |            |          |           |           |

  

| LOAD GROUP<br>SEASONS                       | 3 I&M | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|---------------------------------------------|-------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR |       | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |
| ----- YEAR 2012 -----                       |       |             |                |               |                |                |

1 A Input Summary.txt

----- YEAR 2013 -----  
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 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

LOAD GROUP  
 SEASONS

4 KPC0

|                    | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|--------------------|--------------|---------------|------------|------------|----------|-----------|-----------|
| COINCIDENCE FACTOR | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----



1 A Input Summary.txt

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD GROUP<br>SEASONS                       | 4 KPCO | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|---------------------------------------------|--------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR |        | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |
| ----- YEAR 2012 -----                       |        |             |                |               |                |                |
| ----- YEAR 2013 -----                       |        |             |                |               |                |                |
| ----- YEAR 2014 -----                       |        |             |                |               |                |                |
| ----- YEAR 2015 -----                       |        |             |                |               |                |                |
| ----- YEAR 2016 -----                       |        |             |                |               |                |                |
| ----- YEAR 2017 -----                       |        |             |                |               |                |                |
| ----- YEAR 2018 -----                       |        |             |                |               |                |                |

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP<br>SEASONS | 4 KPCO | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-----------------------|--------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2019 ----- |        |             |                |               |                |                |
| ----- YEAR 2020 ----- |        |             |                |               |                |                |
| ----- YEAR 2021 ----- |        |             |                |               |                |                |
| ----- YEAR 2022 ----- |        |             |                |               |                |                |
| ----- YEAR 2023 ----- |        |             |                |               |                |                |
| ----- YEAR 2024 ----- |        |             |                |               |                |                |
| ----- YEAR 2025 ----- |        |             |                |               |                |                |
| ----- YEAR 2026 ----- |        |             |                |               |                |                |
| ----- YEAR 2027 ----- |        |             |                |               |                |                |
| ----- YEAR 2028 ----- |        |             |                |               |                |                |
| ----- YEAR 2029 ----- |        |             |                |               |                |                |
| ----- YEAR 2030 ----- |        |             |                |               |                |                |
| ----- YEAR 2031 ----- |        |             |                |               |                |                |
| ----- YEAR 2032 ----- |        |             |                |               |                |                |
| ----- YEAR 2033 ----- |        |             |                |               |                |                |
| ----- YEAR 2034 ----- |        |             |                |               |                |                |
| ----- YEAR 2035 ----- |        |             |                |               |                |                |
| ----- YEAR 2036 ----- |        |             |                |               |                |                |
| ----- YEAR 2037 ----- |        |             |                |               |                |                |

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| LOAD GROUP<br>SEASONS                       | 5 OPCO | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|---------------------------------------------|--------|--------------|---------------|------------|------------|----------|-----------|-----------|
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR |        | 1.00         | 1.00          | 1.00       | 1.00       | 1.00     | 1.00      | 1.00      |
| ----- YEAR 2012 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2013 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2014 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2015 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2016 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2017 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2018 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2019 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2020 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2021 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2022 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2023 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2024 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2025 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2026 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2027 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2028 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2029 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2030 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2031 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2032 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2033 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2034 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2035 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2036 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2037 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2038 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2039 -----                       |        |              |               |            |            |          |           |           |
| ----- YEAR 2040 -----                       |        |              |               |            |            |          |           |           |

| LOAD GROUP<br>SEASONS                       | 5 OPCO | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|---------------------------------------------|--------|-------------|----------------|---------------|----------------|----------------|
| ----- YEAR 2011 -----<br>COINCIDENCE FACTOR |        | 1.00        | 1.00           | 1.00          | 1.00           | 1.00           |
| ----- YEAR 2012 -----                       |        |             |                |               |                |                |
| ----- YEAR 2013 -----                       |        |             |                |               |                |                |
| ----- YEAR 2014 -----                       |        |             |                |               |                |                |
| ----- YEAR 2015 -----                       |        |             |                |               |                |                |
| ----- YEAR 2016 -----                       |        |             |                |               |                |                |
| ----- YEAR 2017 -----                       |        |             |                |               |                |                |
| ----- YEAR 2018 -----                       |        |             |                |               |                |                |
| ----- YEAR 2019 -----                       |        |             |                |               |                |                |
| ----- YEAR 2020 -----                       |        |             |                |               |                |                |
| ----- YEAR 2021 -----                       |        |             |                |               |                |                |

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----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

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AEP EAST  
 LOAD FORECAST ADJUSTMENT MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = LFA.INPUT.LOAD GROUP.

| LOAD GROUP            | 5 | 8      | 9         | 10      | 11       | 12       |
|-----------------------|---|--------|-----------|---------|----------|----------|
| SEASONS               |   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| ----- YEAR 2033 ----- |   |        |           |         |          |          |
| ----- YEAR 2034 ----- |   |        |           |         |          |          |
| ----- YEAR 2035 ----- |   |        |           |         |          |          |
| ----- YEAR 2036 ----- |   |        |           |         |          |          |
| ----- YEAR 2037 ----- |   |        |           |         |          |          |
| ----- YEAR 2038 ----- |   |        |           |         |          |          |
| ----- YEAR 2039 ----- |   |        |           |         |          |          |
| ----- YEAR 2040 ----- |   |        |           |         |          |          |

1 A Input Summary.txt

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |        |
|----------------------------------|--------|
| AMS OPTION                       | 0      |
| COMMITMENT OPTIONS               | 3      |
| CONDITIONAL PERCENTILE           | % 0.00 |
| DEFERRAL CAPACITY SWITCH         | 3      |
| DEFERRAL CAPACITY WEIGHTING      | % 0.00 |
| DUMP ENERGY ACCOUNTING FLAG      | 1      |
| ECONOMY SALES ACCOUNTING FLAG    | 1      |
| EMERGENCY USE OF HYDRO           | 0      |
| EMERGENCY USE OF STORAGE         | 0      |
| EMISSIONS LIMIT SWITCH           | 0      |
| EMISSIONS LIMIT TOLERANCE OPTION | 1      |
| ESCALATION DUMP ENERGY PRICE     |        |
| ESCALATION EMERGENCY CUST IMPACT |        |
| ESCALATION EMERGENCY DISP COST   |        |
| ESCALATION EMERGENCY ENERGY COST |        |
| ESCALATION FIXED COST ADDER      |        |
| ESCALATION INTERCHANGE PROFIT RE |        |
| ESCALATION UNIT RUNNING RATE     |        |
| FIXED FUEL ALLOCATION METHOD     | 0      |
| FUEL ADJUSTMENT SWITCH           | 0      |
| FUEL LIMIT OPTION                | 4      |
| INFLATION OPTION                 |        |
| INTERCHANGE METHOD               | 2      |
| INVENTORY CALCULATION SWITCH     | 0      |
| MARGINAL COSTS DIAGNOSTICS       | 3      |
| MULTIPLE SEGMENTS                | Y      |
| MUST RUN INTERCHANGE FLAG        | 0      |
| NUMBER OF COST CURVE STEPS       | 40     |
| NUMBER OF SUBPERIODS             | 3      |
| PROBABILITY METHOD               | C      |
| SEASONAL DISPATCH FLAG           | 1      |
| SELLBACK OWNERSHIP COMPANY       | 0      |
| SELLBACK RETENTION COMPANY       | 0      |
| TREATMENT OF MAINTENANCE         | 1      |
| UNIT PROFITABILITY FLAG          | 0      |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| YEAR                                   |           | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         |
|----------------------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| COMMITMENT LEVEL                       | %-MW      | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        |
| DUMP ENERGY SALE PRICE                 | \$/MWH    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ECONOMY INTERCHANGE METHOD             |           | 2            | 2            | 2            | 2            | 2            | 2            | 2            |
| EMERGENCY CUSTOMER IMPACT              | \$/MWH    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| EMERGENCY DISPATCH COST                | \$/MWH    | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| EMERGENCY DISPATCH PROFILE             |           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EMERGENCY ENERGY COST                  | \$/MWH    | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        |
| EMERGENCY ENERGY PROFILE               |           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EXTERNAL GENERATION COST BILLING RATIO |           | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         |
| EXTERNAL REPLACEMENT COST RATIO        | RATIO     | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FIXED ADDER INTERCHANGE BILLING        | \$/MWH    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION PER       | %         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION THR       | \$000     | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| MARKUP OF SELLBACK ENERGY              | RATIO     | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RELIABILITY TARGET                     | HOURL/GWH | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RESERVE MARGIN TARGET                  | MW-%      | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. |
| SEASONAL RMU PROFILE                   |           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| SPINNING RESERVE REQUIREMENT           | %-MW      | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         |
| UNIT RUNNING RATE ANNUAL PEAK          | \$/MWH    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| UNIT RUNNING RATE CURVE POINTER        |           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |

| YEAR                                   |           | 2018         | 2019         | 2020         | 2021         | 2022         | 2023         | 2024         |
|----------------------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| COMMITMENT LEVEL                       | %-MW      | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        |
| DUMP ENERGY SALE PRICE                 | \$/MWH    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ECONOMY INTERCHANGE METHOD             |           | 2            | 2            | 2            | 2            | 2            | 2            | 2            |
| EMERGENCY CUSTOMER IMPACT              | \$/MWH    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| EMERGENCY DISPATCH COST                | \$/MWH    | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| EMERGENCY DISPATCH PROFILE             |           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EMERGENCY ENERGY COST                  | \$/MWH    | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        |
| EMERGENCY ENERGY PROFILE               |           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EXTERNAL GENERATION COST BILLING RATIO |           | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         |
| EXTERNAL REPLACEMENT COST RATIO        | RATIO     | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FIXED ADDER INTERCHANGE BILLING        | \$/MWH    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION PER       | %         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION THR       | \$000     | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| MARKUP OF SELLBACK ENERGY              | RATIO     | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RELIABILITY TARGET                     | HOURL/GWH | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RESERVE MARGIN TARGET                  | MW-%      | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. |
| SEASONAL RMU PROFILE                   |           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |

|                                 |        |                       |      |      |      |      |      |      |
|---------------------------------|--------|-----------------------|------|------|------|------|------|------|
|                                 |        | 1 A Input Summary.txt |      |      |      |      |      |      |
| SPINNING RESERVE REQUIREMENT    | %-MW   | 4.50                  | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| UNIT RUNNING RATE ANNUAL PEAK   | \$/MWH | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| UNIT RUNNING RATE CURVE POINTER |        | 0                     | 0    | 0    | 0    | 0    | 0    | 0    |

|                                        |          |              |              |              |              |              |              |              |
|----------------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| YEAR                                   |          | 2025         | 2026         | 2027         | 2028         | 2029         | 2030         | 2031         |
| COMMITMENT LEVEL                       | %-MW     | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        |
| DUMP ENERGY SALE PRICE                 | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ECONOMY INTERCHANGE METHOD             |          | 2            | 2            | 2            | 2            | 2            | 2            | 2            |
| EMERGENCY CUSTOMER IMPACT              | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| EMERGENCY DISPATCH COST                | \$/MWH   | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| EMERGENCY DISPATCH PROFILE             |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EMERGENCY ENERGY COST                  | \$/MWH   | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        |
| EMERGENCY ENERGY PROFILE               |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EXTERNAL GENERATION COST BILLING RATIO |          | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         |
| EXTERNAL REPLACEMENT COST RATIO        | RATIO    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FIXED ADDER INTERCHANGE BILLING        | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION PER       | %        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION THR       | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| MARKUP OF SELLBACK ENERGY              | RATIO    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RELIABILITY TARGET                     | HOUR/GWH | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RESERVE MARGIN TARGET                  | MW-%     | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. |
| SEASONAL RMU PROFILE                   |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| SPINNING RESERVE REQUIREMENT           | %-MW     | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         |
| UNIT RUNNING RATE ANNUAL PEAK          | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| UNIT RUNNING RATE CURVE POINTER        |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |

|                                        |          |              |              |              |              |              |              |              |
|----------------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| YEAR                                   |          | 2032         | 2033         | 2034         | 2035         | 2036         | 2037         | 2038         |
| COMMITMENT LEVEL                       | %-MW     | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        | 65.00        |
| DUMP ENERGY SALE PRICE                 | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ECONOMY INTERCHANGE METHOD             |          | 2            | 2            | 2            | 2            | 2            | 2            | 2            |
| EMERGENCY CUSTOMER IMPACT              | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| EMERGENCY DISPATCH COST                | \$/MWH   | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| EMERGENCY DISPATCH PROFILE             |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EMERGENCY ENERGY COST                  | \$/MWH   | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        | 32.00        |
| EMERGENCY ENERGY PROFILE               |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| EXTERNAL GENERATION COST BILLING RATIO |          | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         |
| EXTERNAL REPLACEMENT COST RATIO        | RATIO    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FIXED ADDER INTERCHANGE BILLING        | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION PER       | %        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION THR       | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| MARKUP OF SELLBACK ENERGY              | RATIO    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RELIABILITY TARGET                     | HOUR/GWH | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| RESERVE MARGIN TARGET                  | MW-%     | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. | 99998998528. |
| SEASONAL RMU PROFILE                   |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| SPINNING RESERVE REQUIREMENT           | %-MW     | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         | 4.50         |
| UNIT RUNNING RATE ANNUAL PEAK          | \$/MWH   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| UNIT RUNNING RATE CURVE POINTER        |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |

|                                        |          |              |              |
|----------------------------------------|----------|--------------|--------------|
| YEAR                                   |          | 2039         | 2040         |
| COMMITMENT LEVEL                       | %-MW     | 65.00        | 65.00        |
| DUMP ENERGY SALE PRICE                 | \$/MWH   | 0.00         | 0.00         |
| ECONOMY INTERCHANGE METHOD             |          | 2            | 2            |
| EMERGENCY CUSTOMER IMPACT              | \$/MWH   | 0.00         | 0.00         |
| EMERGENCY DISPATCH COST                | \$/MWH   | -1.00        | -1.00        |
| EMERGENCY DISPATCH PROFILE             |          | 0            | 0            |
| EMERGENCY ENERGY COST                  | \$/MWH   | 32.00        | 32.00        |
| EMERGENCY ENERGY PROFILE               |          | 0            | 0            |
| EXTERNAL GENERATION COST BILLING RATIO |          | 1.00         | 1.00         |
| EXTERNAL REPLACEMENT COST RATIO        | RATIO    | 0.00         | 0.00         |
| FIXED ADDER INTERCHANGE BILLING        | \$/MWH   | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION PER       | %        | 0.00         | 0.00         |
| INTERCHANGE PROFIT RETENTION THR       | \$000    | 0.00         | 0.00         |
| MARKUP OF SELLBACK ENERGY              | RATIO    | 0.00         | 0.00         |
| RELIABILITY TARGET                     | HOUR/GWH | 0.00         | 0.00         |
| RESERVE MARGIN TARGET                  | MW-%     | 99998998528. | 99998998528. |
| SEASONAL RMU PROFILE                   |          | 0            | 0            |
| SPINNING RESERVE REQUIREMENT           | %-MW     | 4.50         | 4.50         |
| UNIT RUNNING RATE ANNUAL PEAK          | \$/MWH   | 0.00         | 0.00         |
| UNIT RUNNING RATE CURVE POINTER        |          | 0            | 0            |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
  
QUALIFIER = GAF.INPUT.PARAMETERS.

DIAGNOSTICS FLAG SETTINGS

| NO. | DESCRIPTION                       | VALUE |
|-----|-----------------------------------|-------|
| --- | -----                             | ----  |
| 1   | Reserve Margin Calculations       | N     |
| 2   | Energy Reserve Margin             | N     |
| 4   | Conditional Capacity Calculations | N     |
| 6   | Company Fuel Type                 | N     |
| 7   | Thermal Unit Dispatch             | N     |
| 9   | In-Dispatch Limited Fuel          | N     |
| 10  | Spinning Reserve Look-ahead       | N     |
| 11  | Dispatch Lambda                   | N     |

1 A Input Summary.txt

|    |                                                    |   |
|----|----------------------------------------------------|---|
| 12 | Limited Fuel Report                                | N |
| 13 | Externality Calculations                           | N |
| 14 | Dispatch Lambda Emissions Adder                    | N |
| 15 | Emissions Limit Search Procedure                   | N |
| 16 | Seasonal Emissions                                 | N |
| 20 | Hourly Chronological Storage                       | N |
| 21 | Chronological Storage search procedure             | N |
| 24 | Direct Load Control Dispatch Order by Season       | N |
| 25 | Direct Load Control by Program by Season           | N |
| 27 | Dispatchable Transaction Order by Season           | N |
| 31 | Deferral Unit Capacity Calculation                 | N |
| 32 | Residual Reliability Dispatch of Load Modifiers    | N |
| 34 | Chronological Load Before Dispatch                 | N |
| 35 | Chronological Load After Transactions              | N |
| 36 | Chronological Load After Hydro                     | N |
| 37 | Chronological Load After Pumped Storage            | N |
| 38 | Chronological Load After Dispatchable Transactions | N |
| 39 | Chronological Load After Direct Load Control       | N |
| 40 | Chronological Load After Network Interchange       | N |
| 41 | Net thermal loads in record format                 | N |
| 46 | Marginal Cost Curves (PS/DLC, NEI, Disp Lambda)    | N |
| 48 | Marginal Cost Curves in record format              | N |
| 50 | Chronological Marginal Costs Before Dispatch       | N |
| 51 | Chronological Marginal Costs After Transactions    | N |
| 52 | Chronological Marginal Costs After Hydro           | N |
| 53 | Chronological Marginal Costs After Pumped Storage  | N |
| 54 | Chronological Marginal Costs After Dispatchable Tr | N |
| 55 | Chronological Marginal Costs After Direct Load Con | N |
| 56 | Chronological Marginal Costs After Network Interch | N |
| 61 | NEI Hourly Diagnostics By Transmission Link        | N |
| 62 | NEI Hourly Diagnostics By Interchange System       | N |
| 63 | NEI Seasonal Interchange Summary                   | N |
| 69 | Multi Company Interchange Accounting               | N |
| 70 | Write UMAN Cards From Auto. Maintenance Scheduler  | N |
| 71 | Maintenance Subperiod Array                        | N |
| 72 | Seasonal Maintenance Week                          | N |
| 73 | Seasonal Resource Summary                          | N |
| 74 | Seasonal Capacity and Reserve                      | N |
| 75 | Seasonal Resource Energy                           | N |
| 76 | Seasonal Total Cost                                | N |
| 77 | Seasonal Fuel Burn - Mbtu                          | N |
| 78 | Seasonal Fuel Cost                                 | N |
| 80 | Capacity Sellback Energy                           | N |
| 81 | Inflation / Escalation                             | N |
| 82 | Daily Seasonal Definition                          | N |
| 90 | Water Year System                                  | N |
| 91 | Water Year Seasonal System                         | N |
| 92 | Water Year Hydro, Storage, and Thermal Units       | N |
| 93 | Water Year Fuel Class and Fuel Type                | N |
| 94 | Water Year Unit Profitability                      | N |
| 95 | Seasonal Unit Revenue                              | N |
| 96 | Seasonal Unit Profitability                        | N |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|              |         |           |         |          |          |        |        |
|--------------|---------|-----------|---------|----------|----------|--------|--------|
| SEASONS      | 1       | 2         | 3       | 4        | 5        | 6      | 7      |
|              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE   | JULY   |
| WEEK PROFILE | WEEK00  | WEEK00    | WEEK00  | WEEK00   | WEEK00   | WEEK00 | WEEK00 |
| SEASONS      | 8       | 9         | 10      | 11       | 12       |        |        |
|              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |        |        |
| WEEK PROFILE | WEEK00  | WEEK00    | WEEK00  | WEEK00   | WEEK00   |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                           |          |          |       |       |      |      |      |
|---------------------------|----------|----------|-------|-------|------|------|------|
| SEASONS                   | 1        | 2        | 3     | 4     | 5    | 6    | 7    |
|                           | JANUARY  | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| CAPACITY DERATION LIBRARY |          |          |       |       |      |      |      |
| 1 AMOS_1                  |          |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 2 AMOS_2                  |          |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 3 AMOS_3                  |          |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00     | 0.00  | 0.00  | 0.00 | 0.02 | 0.02 |
| 4 BECK_6                  |          |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00     | 0.00  | 0.00  | 0.00 | 0.02 | 0.02 |

1 A Input Summary.txt

|             |                           |          |      |      |      |      |      |      |      |
|-------------|---------------------------|----------|------|------|------|------|------|------|------|
| 5 BIGS_1    | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 BIGS_2    | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 CARD_1    | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 8 CARD_2    | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 |
| 9 CARD_3    | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 CLIF_1   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 CLIF_2   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 CLIF_3   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 CLIF_4   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 CLIF_5   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 CLIF_6   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 CLIN_1   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 |
| 17 CLIN_2   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 |
| 18 CLIN_3   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 |
| 19          | CAPACITY DERATION LIBRARY | RATIO-MW | 0.15 | 0.23 | 0.23 | 0.19 | 0.00 | 0.08 | 0.19 |
| 20 RACN     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 CSVL_3   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 22 CSVL_4   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 CSVL_5   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 CSVL_6   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 0.07 |
| 25 COOK_1   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 0.07 |
| 26 COOK1_11 | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 GAVI_1   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 GAVI_2   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.05 |
| 29 GLEN_5   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 |
| 30 GLEN_6   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.22 | 0.11 | 0.00 | 0.05 | 0.12 | 0.32 | 0.49 |
| 31 HYDRAP   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.17 | 0.17 | 0.06 | 0.00 | 0.17 | 0.22 | 0.33 |
| 32 HYDRIM   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.05 |
| 33 KAMM_1   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.05 |
| 34 KAMM_2   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.05 |
| 35 KAMM_3   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 KANA_1   | CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 KANA_2   |                           |          |      |      |      |      |      |      |      |



|                               |          |                                            |      |      |      |      |      |      |
|-------------------------------|----------|--------------------------------------------|------|------|------|------|------|------|
|                               |          | 1 A Input Summary.txt                      |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 |
| 38 KYGE_1                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 |
| 39 KYGE_2                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 |
| 40 KYGE_3                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 |
| 41 KYGE_4                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 |
| 42 KYGE_5                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 MITC_1                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 MITC_2                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 45 MOUN_1                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.07 |
| 46 MUSK_1                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.07 |
| 47 MUSK_2                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.05 |
| 48 MUSK_3                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.05 |
| 49 MUSK_4                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 MUSK_5                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 |
| 51 PSPN_1                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 |
| 52 PSPN_2                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 |
| 53 PSPN_3                     |          |                                            |      |      |      |      |      |      |
| CAPACITY DERATION LIBRARY     | RATIO-MW | 0.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 |
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONS                   |          | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|---------------------------|----------|---------|----------|-------|-------|------|------|------|
|                           |          | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| CAPACITY DERATION LIBRARY |          |         |          |       |       |      |      |      |
| 54 PSPN_4                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.01 | 0.01 | 0.02 |
| 55 PSPN_5                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.05 | 0.05 | 0.05 |
| 56 PICW_5                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.15    | 0.23     | 0.23  | 0.19  | 0.00 | 0.08 | 0.19 |
| 57 RACINE                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.01 | 0.01 |
| 58 ROCK_1IM               |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 59 ROCK_2IM               |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 60 SMITHMT                |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 61 STUA_1                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 62 STUA_2                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 63 STUA_3                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 64 STUA_4                 |          |         |          |       |       |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| 65 SUMERV                 |          |         |          |       |       |      |      |      |

|                           |          |      |                       |      |      |      |      |      |
|---------------------------|----------|------|-----------------------|------|------|------|------|------|
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 1 A Input Summary.txt |      | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 TANN_1                 |          |      | 0.00                  | 0.00 |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 TANN_2                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 |
| 68 TANN_3                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 69 TANN_4                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70 ZIMM_1                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.03 | 0.09 | 0.09 | 0.17 | 0.17 |
| 71 ROBT_1                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.03 | 0.09 | 0.09 | 0.17 | 0.17 |
| 72 ROBT_2                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.03 | 0.09 | 0.09 | 0.17 | 0.17 |
| 73 ROBT_3                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 |
| 74 WATRCC                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02 | 0.02                  | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 75 RETRO_A                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01 | 0.01                  | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 76 RETRO_B                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03                  | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 77 RETR_C2                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 78 RETR_J1                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.03 | 0.04 | 0.07 |
| 79 COK1_11                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.01 | 0.02 | 0.05 |
| 80 Cok2_12                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.08 | 0.08                  | 0.08 | 0.08 | 0.11 | 0.13 | 0.16 |
| 81 COK1_14                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.05                  | 0.05 | 0.05 | 0.03 | 0.04 | 0.07 |
| 82 COK1_16                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.05                  | 0.05 | 0.05 | 0.08 | 0.10 | 0.12 |
| 83 COK1_17                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03                  | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 84                        |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 |
| 85                        |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 86                        |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.08 | 0.08                  | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| 87                        |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03                  | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 88                        |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.04 | 0.04 | 0.04 |
| 89                        |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.05 | 0.05 | 0.05 |
| 90                        |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 91 MNT_09                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.03 | 0.03 | 0.03 |
| 92 CARD2_8                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 |
| 93 CARD1_8                |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.04 | 0.04 | 0.04 |
| 94 SPOR_N                 |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 95 MNT_D                  |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 |
| 96 CD1D                   |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01 | 0.01                  | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 97 MC12D                  |          |      |                       |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00                  | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |

| 1 A Input Summary.txt           |          |      |      |      |      |                                            |      |      |  |
|---------------------------------|----------|------|------|------|------|--------------------------------------------|------|------|--|
| 98                              | MTLD     |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01                                       | 0.03 | 0.05 |  |
| 99                              | ST D     |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01                                       | 0.03 | 0.05 |  |
| 100                             | AM D     |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03                                       | 0.04 | 0.07 |  |
| 101                             | MR5D     |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01                                       | 0.03 | 0.05 |  |
| 102                             | CV4D     |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.06 | 0.06 | 0.06 | 0.06 | 0.06                                       | 0.06 | 0.06 |  |
| 103                             | Retr P   |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.18 | 0.18                                       | 0.18 | 0.18 |  |
| 104                             | Retro P  |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.18 | 0.18                                       | 0.18 | 0.18 |  |
| 105                             | REPOWER  |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.18 | 0.18                                       | 0.18 | 0.18 |  |
| 106                             | COK2_09  |      |      |      |      |                                            |      |      |  |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.14                                       | 0.14 | 0.14 |  |
| # 02/12/13 08:26:30 V04.0 R03.0 |          |      |      |      |      | NewEnergy Associates<br>Strategist Page 48 |      |      |  |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
  
QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONS                   |          | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|---------------------------|----------|--------------|---------------|------------|------------|----------|-----------|-----------|
| CAPACITY DERATION LIBRARY |          |              |               |            |            |          |           |           |
| 107                       | COK2_10  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.02       | 0.02       | 0.05     | 0.05      | 0.05      |
| 108                       | COK2_11  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.01          | 0.05       | 0.08       | 0.11     | 0.14      | 0.16      |
| 109                       | COK2_12  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.03     | 0.03      | 0.03      |
| 110                       | CV3_11   |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.01       | 0.01       | 0.02     | 0.02      | 0.02      |
| 111                       | ROBT1    |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.17     | 0.17      | 0.17      |
| 112                       | ROBT2    |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.03       | 0.03       | 0.08     | 0.08      | 0.08      |
| 113                       | ROBT3    |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.03       | 0.03       | 0.09     | 0.09      | 0.09      |
| 114                       | Dresden  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.01       | 0.01       | 0.02     | 0.02      | 0.02      |
| 115                       | Freemont |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.01       | 0.01       | 0.02     | 0.02      | 0.02      |
| 116                       | Dar123   |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.01       | 0.01       | 0.05     | 0.05      | 0.05      |
| 117                       | AM3D     |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.01     | 0.02      | 0.03      |
| 118                       | E_PC_SUP |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.01     | 0.01      | 0.02      |
| 119                       | VERMCT1  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.02     | 0.02      | 0.02      |
| 120                       | EASTCT1  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.03     | 0.03      | 0.03      |
| 121                       | EASTCC1  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.03     | 0.03      | 0.03      |
| 122                       | EASTPC1  |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.14     | 0.14      | 0.14      |
| 123                       | E_IGCC   |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.06       | 0.06       | 0.10     | 0.10      | 0.10      |
| 124                       | E_NUCL   |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.14     | 0.14      | 0.14      |
| 125                       | CD12_D   |              |               |            |            |          |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00          | 0.00       | 0.00       | 0.16     | 0.16      | 0.16      |

1 A Input Summary.txt

|                           |          |      |      |      |      |      |      |      |  |
|---------------------------|----------|------|------|------|------|------|------|------|--|
| 126                       | MR5_D    |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.06 | 0.06 | 0.14 | 0.14 | 0.14 |  |
| 127                       | W_PCSUB  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.05 | 0.05 | 0.08 | 0.08 | 0.08 |  |
| 128                       | W_PCSUP  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.01 | 0.05 | 0.08 | 0.11 | 0.14 | 0.16 |  |
| 129                       | W_CFB    |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.22 | 0.13 | 0.00 | 0.05 | 0.12 | 0.32 | 0.49 |  |
| 130                       | W_NGCC   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 |  |
| 131                       | W_CT_SM  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.03 | 0.03 | 0.09 | 0.09 | 0.09 |  |
| 132                       | W_CT_LG  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.17 |  |
| 133                       | P_LAWTN  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 |  |
| 134                       | LM6000   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.01 | 0.06 | 0.06 | 0.09 | 0.12 | 0.14 |  |
| 135                       | RHills   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.01 | 0.06 | 0.06 | 0.09 | 0.12 | 0.13 |  |
| 136                       | DAR456   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.01 | 0.06 | 0.06 | 0.09 | 0.12 | 0.14 |  |
| 137                       | HYD_AP2  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.03 | 0.06 | 0.06 | 0.09 | 0.12 | 0.15 |  |
| 138                       | LAURBERG |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.02 | 0.06 | 0.06 | 0.09 | 0.12 | 0.15 |  |
| 139                       | BSCC     |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.02 | 0.06 | 0.06 | 0.09 | 0.12 | 0.14 |  |
| 140                       | DCT      |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 0.07 |  |
| 141                       | DCC      |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 0.07 |  |
| 142                       | CER_01   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.07 | 0.07 |  |
| 143                       | CER_02   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 |  |
| 144                       | CER_03   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.06 |  |
| 145                       | CER_04   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.16 | 0.16 | 0.16 | 0.16 | 0.18 | 0.19 | 0.21 |  |
| 146                       | CER_05   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.05 |  |
| 147                       | CER_06   |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.11 | 0.11 | 0.11 | 0.00 | 0.02 | 0.03 | 0.05 |  |
| 148                       |          |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.05 | 0.05 | 0.10 | 0.12 | 0.12 | 0.14 |  |
| 149                       | COK1_09  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.04 |  |
| 150                       | COK1_10  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.05 |  |
| 151                       | COK1_11  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07 | 0.07 | 0.07 | 0.07 | 0.08 | 0.10 | 0.12 |  |
| 152                       | COK1_12  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 |  |
| 153                       | COK1_13  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.10 | 0.10 | 0.10 | 0.00 | 0.01 | 0.02 | 0.04 |  |
| 154                       | COK1_14  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.05 | 0.05 | 0.10 | 0.11 | 0.12 | 0.14 |  |
| 155                       | COK1_15  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 |  |
| 156                       | COK1_16  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 |  |
| 157                       | COK1_17  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.03 |  |
| 158                       | COK1_18  |      |      |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.03 |  |

1 A Input Summary.txt

159 COK1\_19  
CAPACITY DERATION LIBRARY RATIO-MW 0.00 0.00 0.00 0.00 0.03 0.03 0.03  
# 02/12/13 08:26:30 V04.0 R03.0  
NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONS                   |          | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
|---------------------------|----------|--------------|----------------|---------------|----------------|----------------|-----------|-----------|
| CAPACITY DERATION LIBRARY |          |              |                |               |                |                |           |           |
| 160                       |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.03           | 0.03      | 0.03      |
| 161 COK2_13               |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.02           | 0.02      | 0.02      |
| 162 COK3_14               |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.03           | 0.03      | 0.03      |
| 163 COK3_15               |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.03           | 0.03      | 0.03      |
| SEASONS                   |          | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| CAPACITY DERATION LIBRARY |          |              |                |               |                |                |           |           |
| 1 AMOS_1                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 2 AMOS_2                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 3 AMOS_3                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 4 BECK_6                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02         | 0.02           | 0.00          | 0.00           | 0.00           |           |           |
| 5 BIGS_1                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 6 BIGS_2                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 7 CARD_1                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01         | 0.01           | 0.00          | 0.00           | 0.00           |           |           |
| 8 CARD_2                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03         | 0.02           | 0.00          | 0.00           | 0.00           |           |           |
| 9 CARD_3                  |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 10 CLIF_1                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 11 CLIF_2                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 12 CLIF_3                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 13 CLIF_4                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 14 CLIF_5                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 15 CLIF_6                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 16 CLIN_1                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02         | 0.02           | 0.00          | 0.00           | 0.00           |           |           |
| 17 CLIN_2                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02         | 0.02           | 0.00          | 0.00           | 0.00           |           |           |
| 18 CLIN_3                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02         | 0.02           | 0.00          | 0.00           | 0.00           |           |           |
| 19                        |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.31         | 0.31           | 0.23          | 0.08           | 0.12           |           |           |
| 20 RACN                   |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00         | 0.00           | 0.00          | 0.00           | 0.00           |           |           |
| 21 CSVL_3                 |          |              |                |               |                |                |           |           |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01         | 0.01           | 0.00          | 0.00           | 0.00           |           |           |

1 A Input Summary.txt

|                           |          |      |      |      |      |      |  |
|---------------------------|----------|------|------|------|------|------|--|
| 22                        | CSVL_4   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 23                        | CSVL_5   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 24                        | CSVL_6   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07 | 0.05 | 0.04 | 0.00 | 0.00 |  |
| 25                        | COOK_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07 | 0.05 | 0.03 | 0.00 | 0.00 |  |
| 26                        | COOK1_11 |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 27                        | GAVI_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 28                        | GAVI_2   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 |  |
| 29                        | GLEN_5   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 |  |
| 30                        | GLEN_6   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.59 | 0.61 | 0.53 | 0.40 | 0.31 |  |
| 31                        | HYDRAP   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.39 | 0.39 | 0.39 | 0.28 | 0.11 |  |
| 32                        | HYDRIM   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.02 | 0.02 | 0.00 | 0.00 |  |
| 33                        | KAMM_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.02 | 0.02 | 0.00 | 0.00 |  |
| 34                        | KAMM_2   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.02 | 0.02 | 0.00 | 0.00 |  |
| 35                        | KAMM_3   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 36                        | KANA_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 37                        | KANA_2   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 |  |
| 38                        | KYGE_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| 39                        | KYGE_2   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| 40                        | KYGE_3   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| 41                        | KYGE_4   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| 42                        | KYGE_5   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 43                        | MITC_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 44                        | MITC_2   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |  |
| 45                        | MOUN_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07 | 0.05 | 0.02 | 0.00 | 0.00 |  |
| 46                        | MUSK_1   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07 | 0.05 | 0.02 | 0.00 | 0.00 |  |
| 47                        | MUSK_2   |      |      |      |      |      |  |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.02 | 0.00 | 0.00 | 0.00 |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONS                   |          | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|---------------------------|----------|-------------|----------------|---------------|----------------|----------------|
| CAPACITY DERATION LIBRARY |          |             |                |               |                |                |
| 48                        | MUSK_3   |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05        | 0.02           | 0.00          | 0.00           | 0.00           |
| 49                        | MUSK_4   |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00        | 0.00           | 0.00          | 0.00           | 0.00           |

1 A Input Summary.txt

|                           |          |      |      |      |      |      |
|---------------------------|----------|------|------|------|------|------|
| 50 MUSK_5                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 |
| 51 PSPN_1                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 |
| 52 PSPN_2                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 |
| 53 PSPN_3                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 |
| 54 PSPN_4                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 |
| 55 PSPN_5                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 |
| 56 PICW_5                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.31 | 0.31 | 0.23 | 0.08 | 0.12 |
| 57 RACINE                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 ROCK_1IM               |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 ROCK_2IM               |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 SMITHMT                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 STUA_1                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 STUA_2                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 STUA_3                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 STUA_4                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 SUMERV                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 TANN_1                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 TANN_2                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 |
| 68 TANN_3                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 69 TANN_4                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70 ZIMM_1                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.17 | 0.09 | 0.09 | 0.09 | 0.03 |
| 71 ROBT_1                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.17 | 0.09 | 0.09 | 0.09 | 0.03 |
| 72 ROBT_2                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.17 | 0.09 | 0.09 | 0.09 | 0.03 |
| 73 ROBT_3                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05 | 0.03 | 0.02 | 0.01 | 0.00 |
| 74 WATRCC                 |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 75 RETRO_A                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 76 RETRO_B                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 77 RETR_C2                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 78 RETR_J1                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07 | 0.05 | 0.03 | 0.00 | 0.00 |
| 79 COK1_11                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04 | 0.03 | 0.01 | 0.00 | 0.00 |
| 80 Cok2_12                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.15 | 0.13 | 0.03 | 0.00 | 0.00 |
| 81 COK1_14                |          |      |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07 | 0.05 | 0.03 | 0.00 | 0.00 |
| 82 COK1_16                |          |      |      |      |      |      |

|                           |          | 1 A Input Summary.txt |      |      |      |      |
|---------------------------|----------|-----------------------|------|------|------|------|
|                           |          | 0.12                  | 0.10 | 0.03 | 0.00 | 0.00 |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.12                  | 0.10 | 0.03 | 0.00 | 0.00 |
| 83 COK1_17                |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03                  | 0.03 | 0.03 | 0.03 | 0.03 |
| 84                        |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03                  | 0.02 | 0.00 | 0.00 | 0.00 |
| 85                        |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01                  | 0.01 | 0.00 | 0.00 | 0.00 |
| 86                        |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.08                  | 0.08 | 0.08 | 0.08 | 0.08 |
| 87                        |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03                  | 0.03 | 0.03 | 0.03 | 0.03 |
| 88                        |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04                  | 0.04 | 0.00 | 0.00 | 0.00 |
| 89                        |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05                  | 0.05 | 0.00 | 0.00 | 0.00 |
| 90                        |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01                  | 0.01 | 0.00 | 0.00 | 0.00 |
| 91 MNT_09                 |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03                  | 0.03 | 0.00 | 0.00 | 0.00 |
| 92 CARD2_8                |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.02                  | 0.00 | 0.00 | 0.00 | 0.00 |
| 93 CARD1_8                |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04                  | 0.04 | 0.00 | 0.00 | 0.00 |
| 94 SPOR_N                 |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01                  | 0.01 | 0.00 | 0.00 | 0.00 |
| 95 MNT_D                  |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01                  | 0.01 | 0.00 | 0.00 | 0.00 |
| 96 CD1D                   |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01                  | 0.01 | 0.01 | 0.01 | 0.01 |
| 97 MC12D                  |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.01                  | 0.01 | 0.01 | 0.01 | 0.00 |
| 98 MT1D                   |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04                  | 0.03 | 0.01 | 0.00 | 0.00 |
| 99 ST_D                   |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04                  | 0.03 | 0.01 | 0.00 | 0.00 |
| 100 AM_D                  |          |                       |      |      |      |      |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.07                  | 0.05 | 0.03 | 0.00 | 0.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONS                   |          | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|---------------------------|----------|-------------|----------------|---------------|----------------|----------------|
| CAPACITY DERATION LIBRARY |          |             |                |               |                |                |
| 101 MR5D                  |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.04        | 0.03           | 0.01          | 0.00           | 0.00           |
| 102 CV4D                  |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.06        | 0.06           | 0.06          | 0.06           | 0.06           |
| 103 Retr_P                |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.18        | 0.18           | 0.18          | 0.00           | 0.00           |
| 104 Retro_P               |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.18        | 0.18           | 0.18          | 0.00           | 0.00           |
| 105 REPOWER               |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.18        | 0.18           | 0.18          | 0.00           | 0.00           |
| 106 COK2_09               |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.14        | 0.14           | 0.00          | 0.00           | 0.00           |
| 107 COK2_10               |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.05        | 0.05           | 0.02          | 0.00           | 0.00           |
| 108 COK2_11               |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.16        | 0.11           | 0.05          | 0.04           | 0.01           |
| 109 COK2_12               |          |             |                |               |                |                |
| CAPACITY DERATION LIBRARY | RATIO-MW | 0.03        | 0.03           | 0.00          | 0.00           | 0.00           |
| 110 CV3_11                |          |             |                |               |                |                |



|                                           |          |      |                       |      |      |      |
|-------------------------------------------|----------|------|-----------------------|------|------|------|
| CAPACITY DERATION LIBRARY                 | RATIO-MW | 0.02 | 1 A Input Summary.txt |      | 0.01 | 0.00 |
|                                           |          |      | 0.02                  | 0.01 |      |      |
| 111 ROBT1<br>CAPACITY DERATION LIBRARY    | RATIO-MW | 0.17 | 0.17                  | 0.00 | 0.00 | 0.00 |
| 112 ROBT2<br>CAPACITY DERATION LIBRARY    | RATIO-MW | 0.08 | 0.08                  | 0.03 | 0.03 | 0.00 |
| 113 ROBT3<br>CAPACITY DERATION LIBRARY    | RATIO-MW | 0.09 | 0.09                  | 0.03 | 0.03 | 0.00 |
| 114 Dresden<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.02 | 0.02                  | 0.01 | 0.01 | 0.00 |
| 115 Freemont<br>CAPACITY DERATION LIBRARY | RATIO-MW | 0.02 | 0.02                  | 0.01 | 0.01 | 0.00 |
| 116 Darl23<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.05 | 0.05                  | 0.01 | 0.01 | 0.00 |
| 117 AM3D<br>CAPACITY DERATION LIBRARY     | RATIO-MW | 0.03 | 0.02                  | 0.01 | 0.00 | 0.00 |
| 118 E_PC_SUP<br>CAPACITY DERATION LIBRARY | RATIO-MW | 0.02 | 0.01                  | 0.00 | 0.00 | 0.00 |
| 119 VERMCT1<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.02 | 0.02                  | 0.00 | 0.00 | 0.00 |
| 120 EASTCT1<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.03 | 0.03                  | 0.00 | 0.00 | 0.00 |
| 121 EASTCC1<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.03 | 0.03                  | 0.00 | 0.00 | 0.00 |
| 122 EASTPC1<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.14 | 0.14                  | 0.00 | 0.00 | 0.00 |
| 123 E_IGCC<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.10 | 0.10                  | 0.06 | 0.06 | 0.00 |
| 124 E_NUCL<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.14 | 0.14                  | 0.00 | 0.00 | 0.00 |
| 125 CD12_D<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.16 | 0.16                  | 0.00 | 0.00 | 0.00 |
| 126 MR5_D<br>CAPACITY DERATION LIBRARY    | RATIO-MW | 0.14 | 0.14                  | 0.06 | 0.06 | 0.00 |
| 127 W_PCSUB<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.08 | 0.08                  | 0.05 | 0.05 | 0.00 |
| 128 W_PCSUP<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.16 | 0.11                  | 0.05 | 0.04 | 0.01 |
| 129 W_CFB<br>CAPACITY DERATION LIBRARY    | RATIO-MW | 0.59 | 0.60                  | 0.53 | 0.40 | 0.31 |
| 130 W_NGCC<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.06 | 0.04                  | 0.03 | 0.02 | 0.00 |
| 131 W_CT_SM<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.09 | 0.09                  | 0.03 | 0.03 | 0.00 |
| 132 W_CT_LG<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.17 | 0.17                  | 0.06 | 0.06 | 0.06 |
| 133 P_LAWTN<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.14 | 0.14                  | 0.06 | 0.06 | 0.06 |
| 134 LM6000<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.14 | 0.09                  | 0.06 | 0.06 | 0.00 |
| 135 RHills<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.13 | 0.09                  | 0.06 | 0.06 | 0.00 |
| 136 DAR456<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.14 | 0.09                  | 0.06 | 0.06 | 0.00 |
| 137 HYD_AP2<br>CAPACITY DERATION LIBRARY  | RATIO-MW | 0.15 | 0.09                  | 0.06 | 0.06 | 0.00 |
| 138 LAWRBERG<br>CAPACITY DERATION LIBRARY | RATIO-MW | 0.15 | 0.09                  | 0.06 | 0.06 | 0.00 |
| 139 BSCC<br>CAPACITY DERATION LIBRARY     | RATIO-MW | 0.14 | 0.09                  | 0.06 | 0.06 | 0.00 |
| 140 DCT<br>CAPACITY DERATION LIBRARY      | RATIO-MW | 0.07 | 0.15                  | 0.15 | 0.18 | 0.17 |
| 141 DCC<br>CAPACITY DERATION LIBRARY      | RATIO-MW | 0.07 | 0.05                  | 0.04 | 0.00 | 0.00 |
| 142 CER_01<br>CAPACITY DERATION LIBRARY   | RATIO-MW | 0.07 | 0.07                  | 0.01 | 0.01 | 0.00 |

| 1 A Input Summary.txt           |          |      |      |      |                                            |      |
|---------------------------------|----------|------|------|------|--------------------------------------------|------|
| 143                             | CER_02   |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.02 | 0.02 | 0.03 | 0.00                                       | 0.00 |
| 144                             | CER_03   |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.06 | 0.04 | 0.03 | 0.00                                       | 0.00 |
| 145                             | CER_04   |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.20 | 0.19 | 0.03 | 0.00                                       | 0.00 |
| 146                             | CER_05   |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.05 | 0.03 | 0.10 | 0.08                                       | 0.08 |
| 147                             | CER_06   |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.05 | 0.03 | 0.03 | 0.00                                       | 0.00 |
| 148                             |          |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.14 | 0.13 | 0.02 | 0.00                                       | 0.00 |
| 149                             | COK1_09  |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.04 | 0.03 | 0.07 | 0.05                                       | 0.05 |
| 150                             | COK1_10  |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.05 | 0.03 | 0.03 | 0.00                                       | 0.00 |
| 151                             | COK1_11  |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.11 | 0.10 | 0.08 | 0.00                                       | 0.00 |
| 152                             | COK1_12  |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.04 | 0.03 | 0.01 | 0.04                                       | 0.04 |
| 153                             | COK1_13  |      |      |      |                                            |      |
| CAPACITY DERATION LIBRARY       | RATIO-MW | 0.04 | 0.02 | 0.01 | 0.00                                       | 0.00 |
| * 02/12/13 08:26:30 V04.0 R03.0 |          |      |      |      | NewEnergy Associates<br>Strategist Page 52 |      |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

|                                 |                           |          |           |         |          |          |                                            |
|---------------------------------|---------------------------|----------|-----------|---------|----------|----------|--------------------------------------------|
| SEASONS                         |                           | 8        | 9         | 10      | 11       | 12       |                                            |
|                                 |                           | AUGUST   | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |                                            |
| CAPACITY DERATION LIBRARY       |                           |          |           |         |          |          |                                            |
| 154 COK1_14                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.13      | 0.12    | 0.10     | 0.00     | 0.00                                       |
| 155 COK1_15                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.03      | 0.02    | 0.01     | 0.05     | 0.05                                       |
| 156 COK1_16                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.04      | 0.02    | 0.01     | 0.00     | 0.00                                       |
| 157 COK1_17                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.03      | 0.03    | 0.03     | 0.00     | 0.00                                       |
| 158 COK1_18                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.03      | 0.03    | 0.03     | 0.00     | 0.00                                       |
| 159 COK1_19                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.03      | 0.03    | 0.03     | 0.00     | 0.00                                       |
| 160                             | CAPACITY DERATION LIBRARY | RATIO-MW | 0.03      | 0.03    | 0.02     | 0.00     | 0.00                                       |
| 161 COK2_13                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.02      | 0.02    | 0.02     | 0.00     | 0.00                                       |
| 162 COK3_14                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.03      | 0.03    | 0.03     | 0.00     | 0.00                                       |
| 163 COK3_15                     | CAPACITY DERATION LIBRARY | RATIO-MW | 0.03      | 0.03    | 0.03     | 0.00     | 0.00                                       |
| * 02/12/13 08:26:31 V04.0 R03.0 |                           |          |           |         |          |          | NewEnergy Associates<br>Strategist Page 53 |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

|                                 |        |         |          |       |       |      |      |      |
|---------------------------------|--------|---------|----------|-------|-------|------|------|------|
| SEASONS                         |        | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|                                 |        | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| ----- YEAR 2011 -----           |        |         |          |       |       |      |      |      |
| UNIT RUNNING RATE SEASONAL PEAK | \$/MWH | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 -----           |        |         |          |       |       |      |      |      |
| ----- YEAR 2013 -----           |        |         |          |       |       |      |      |      |
| ----- YEAR 2014 -----           |        |         |          |       |       |      |      |      |

1 A Input Summary.txt

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| SEASONS                                                         | 8      | 9         | 10      | 11       | 12       |
|-----------------------------------------------------------------|--------|-----------|---------|----------|----------|
|                                                                 | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| ----- YEAR 2011 -----<br>UNIT RUNNING RATE SEASONAL PEAK \$/MWH | 0.00   | 0.00      | 0.00    | 0.00     | 0.00     |
| ----- YEAR 2012 -----                                           |        |           |         |          |          |
| ----- YEAR 2013 -----                                           |        |           |         |          |          |
| ----- YEAR 2014 -----                                           |        |           |         |          |          |
| ----- YEAR 2015 -----                                           |        |           |         |          |          |
| ----- YEAR 2016 -----                                           |        |           |         |          |          |
| ----- YEAR 2017 -----                                           |        |           |         |          |          |
| ----- YEAR 2018 -----                                           |        |           |         |          |          |
| ----- YEAR 2019 -----                                           |        |           |         |          |          |
| ----- YEAR 2020 -----                                           |        |           |         |          |          |
| ----- YEAR 2021 -----                                           |        |           |         |          |          |
| ----- YEAR 2022 -----                                           |        |           |         |          |          |
| ----- YEAR 2023 -----                                           |        |           |         |          |          |
| ----- YEAR 2024 -----                                           |        |           |         |          |          |
| ----- YEAR 2025 -----                                           |        |           |         |          |          |
| ----- YEAR 2026 -----                                           |        |           |         |          |          |
| ----- YEAR 2027 -----                                           |        |           |         |          |          |
| ----- YEAR 2028 -----                                           |        |           |         |          |          |
| ----- YEAR 2029 -----                                           |        |           |         |          |          |
| ----- YEAR 2030 -----                                           |        |           |         |          |          |
| ----- YEAR 2031 -----                                           |        |           |         |          |          |

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONAL PROFILE<br>SEASONS | 1 TPOOL_11 | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------------|------------|--------------|---------------|------------|------------|----------|-----------|-----------|
| SUBPERIODS                  |            |              |               |            |            |          |           |           |
| 1 WKDAY                     |            |              |               |            |            |          |           |           |
| SEASONAL PROFILE ENTRY      |            | 1.00         | 0.98          | 0.94       | 0.90       | 0.88     | 0.89      | 0.90      |
| 2 WKNIGHT                   |            |              |               |            |            |          |           |           |
| SEASONAL PROFILE ENTRY      |            | 1.00         | 0.98          | 0.94       | 0.90       | 0.88     | 0.89      | 0.90      |
| 3 WKEND                     |            |              |               |            |            |          |           |           |
| SEASONAL PROFILE ENTRY      |            | 1.00         | 0.98          | 0.94       | 0.90       | 0.88     | 0.89      | 0.90      |
| SEASONAL PROFILE            |            |              |               |            |            |          |           |           |
| SEASONS                     | 1 TPOOL_11 | 8            | 9             | 10         | 11         | 12       |           |           |
|                             |            | AUGUST       | SEPTEMBER     | OCTOBER    | NOVEMBER   | DECEMBER |           |           |
| SUBPERIODS                  |            |              |               |            |            |          |           |           |
| 1 WKDAY                     |            |              |               |            |            |          |           |           |
| SEASONAL PROFILE ENTRY      |            | 0.90         | 0.89          | 0.90       | 0.94       | 0.96     |           |           |
| 2 WKNIGHT                   |            |              |               |            |            |          |           |           |
| SEASONAL PROFILE ENTRY      |            | 0.90         | 0.89          | 0.90       | 0.94       | 0.96     |           |           |
| 3 WKEND                     |            |              |               |            |            |          |           |           |
| SEASONAL PROFILE ENTRY      |            | 0.90         | 0.89          | 0.90       | 0.94       | 0.96     |           |           |
| SEASONAL PROFILE            |            |              |               |            |            |          |           |           |
| SEASONS                     | 2 TPOOL_12 | 1            | 2             | 3          | 4          | 5        | 6         | 7         |
|                             |            | JANUARY      | FEBRUARY      | MARCH      | APRIL      | MAY      | JUNE      | JULY      |

1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.94 | 0.89 | 0.87 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.94 | 0.89 | 0.87 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.94 | 0.89 | 0.87 | 0.88 | 0.89 |

SEASONAL PROFILE  
SEASONS

|            |        |           |         |          |          |  |  |
|------------|--------|-----------|---------|----------|----------|--|--|
| 2 TP00L_12 | 8      | 9         | 10      | 11       | 12       |  |  |
|            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.93 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.93 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.93 | 0.96 |  |  |

SEASONAL PROFILE  
SEASONS

|            |         |          |       |       |     |      |      |
|------------|---------|----------|-------|-------|-----|------|------|
| 3 TP00L_13 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.94 | 0.89 | 0.88 | 0.88 | 0.90 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.94 | 0.89 | 0.88 | 0.88 | 0.90 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.94 | 0.89 | 0.88 | 0.88 | 0.90 |

SEASONAL PROFILE  
SEASONS

|            |        |           |         |          |          |  |  |
|------------|--------|-----------|---------|----------|----------|--|--|
| 3 TP00L_13 | 8      | 9         | 10      | 11       | 12       |  |  |
|            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.90 | 0.89 | 0.90 | 0.94 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.90 | 0.89 | 0.90 | 0.94 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.90 | 0.89 | 0.90 | 0.94 | 0.96 |  |  |

SEASONAL PROFILE  
SEASONS

|            |         |          |       |       |     |      |      |
|------------|---------|----------|-------|-------|-----|------|------|
| 4 TP00L_14 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.95 | 0.90 | 0.89 | 0.89 | 0.91 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.95 | 0.90 | 0.89 | 0.89 | 0.91 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.95 | 0.90 | 0.89 | 0.89 | 0.91 |

SEASONAL PROFILE  
SEASONS

|            |        |           |         |          |          |  |  |
|------------|--------|-----------|---------|----------|----------|--|--|
| 4 TP00L_14 | 8      | 9         | 10      | 11       | 12       |  |  |
|            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.94 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.94 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.94 | 0.97 |  |  |

SEASONAL PROFILE  
SEASONS

|            |         |          |       |       |     |      |      |
|------------|---------|----------|-------|-------|-----|------|------|
| 5 TP00L_15 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.94 | 0.90 | 0.89 | 0.89 | 0.91 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.94 | 0.90 | 0.89 | 0.89 | 0.91 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.94 | 0.90 | 0.89 | 0.89 | 0.91 |

|                  |            |        |           |         |          |          |  |
|------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 5 TP00L_15 |        |           |         |          |          |  |
| SEASONS          |            | 8      | 9         | 10      | 11       | 12       |  |
|                  |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                  |            |         |          |       |       |     |      |
|------------------|------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 6 TP00L_16 |         |          |       |       |     |      |
| SEASONS          |            | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |            |         |          |       |       |     | 7    |
|                  |            |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |

|                  |            |        |           |         |          |          |  |
|------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 6 TP00L_16 |        |           |         |          |          |  |
| SEASONS          |            | 8      | 9         | 10      | 11       | 12       |  |
|                  |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |

|                  |            |         |          |       |       |     |      |
|------------------|------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 7 TP00L_17 |         |          |       |       |     |      |
| SEASONS          |            | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |            |         |          |       |       |     | 7    |
|                  |            |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |

|                  |            |        |           |         |          |          |  |
|------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 7 TP00L_17 |        |           |         |          |          |  |
| SEASONS          |            | 8      | 9         | 10      | 11       | 12       |  |
|                  |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |

## 1 A Input Summary.txt

| SEASONAL PROFILE<br>SEASONS         | 8 TP00L_18   |                |               |                |                |           |           |
|-------------------------------------|--------------|----------------|---------------|----------------|----------------|-----------|-----------|
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.95          | 0.92           | 0.90           | 0.91      | 0.92      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.99           | 0.95          | 0.92           | 0.90           | 0.91      | 0.92      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.95          | 0.92           | 0.90           | 0.91      | 0.92      |
| SEASONAL PROFILE<br>SEASONS         | 8 TP00L_18   |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| SEASONAL PROFILE<br>SEASONS         | 9 TP00L_19   |                |               |                |                |           |           |
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.95          | 0.92           | 0.90           | 0.91      | 0.92      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.99           | 0.95          | 0.92           | 0.90           | 0.91      | 0.92      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.95          | 0.92           | 0.90           | 0.91      | 0.92      |
| SEASONAL PROFILE<br>SEASONS         | 9 TP00L_19   |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| SEASONAL PROFILE<br>SEASONS         | 10 TP00L_20  |                |               |                |                |           |           |
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.95          | 0.92           | 0.91           | 0.91      | 0.92      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.99           | 0.95          | 0.92           | 0.91           | 0.91      | 0.92      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.95          | 0.92           | 0.91           | 0.91      | 0.92      |
| SEASONAL PROFILE<br>SEASONS         | 10 TP00L_20  |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.92         | 0.91           | 0.92          | 0.95           | 0.98           |           |           |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |             |         |           |         |          |          |      |      |
|----------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 11 TP00L_21 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.95    | 0.92     | 0.91     | 0.91 | 0.92 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.95    | 0.92     | 0.91     | 0.91 | 0.92 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.95    | 0.92     | 0.91     | 0.91 | 0.92 |
| SEASONAL PROFILE SEASONS         | 11 TP00L_21 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.92    | 0.91      | 0.92    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.92    | 0.91      | 0.92    | 0.96     | 0.98     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.92    | 0.91      | 0.92    | 0.96     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS         | 12 TP00L_22 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.92     | 0.91     | 0.91 | 0.93 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.96    | 0.92     | 0.91     | 0.91 | 0.93 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.92     | 0.91     | 0.91 | 0.93 |
| SEASONAL PROFILE SEASONS         | 12 TP00L_22 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS         | 13 TP00L_23 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.92     | 0.92     | 0.92 | 0.93 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.96    | 0.92     | 0.92     | 0.92 | 0.93 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.92     | 0.92     | 0.92 | 0.93 |
| SEASONAL PROFILE SEASONS         | 13 TP00L_23 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |



## 1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.92    | 0.93      | 0.96    | 0.98     |          |      |
| SEASONAL PROFILE SEASONS | 14 TP00L_24 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| SEASONAL PROFILE SEASONS | 14 TP00L_24 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 15 TP00L_25 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| SEASONAL PROFILE SEASONS | 15 TP00L_25 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |

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NewEnergy Associates  
Strategist Page 57AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 16 TP00L_26 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 3 WKEND                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| SEASONAL PROFILE SEASONS | 16 TP00L_26 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |         |           |         |          |          |      |      |

1 A Input Summary.txt

|                          |             |             |            |             |             |        |        |
|--------------------------|-------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.93        | 0.93       | 0.96        | 0.98        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.93        | 0.93       | 0.96        | 0.98        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.93        | 0.93       | 0.96        | 0.98        |        |        |
| SEASONAL PROFILE SEASONS | 17 TP00L_27 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.92        | 0.93   | 0.94   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.92        | 0.93   | 0.94   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.92        | 0.93   | 0.94   |
| SEASONAL PROFILE SEASONS | 17 TP00L_27 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.93        | 0.93       | 0.96        | 0.98        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.93        | 0.93       | 0.96        | 0.98        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.93        | 0.93       | 0.96        | 0.98        |        |        |
| SEASONAL PROFILE SEASONS | 18 TP00L_28 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   | 0.94   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   | 0.94   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   | 0.94   |
| SEASONAL PROFILE SEASONS | 18 TP00L_28 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93        | 0.94       | 0.96        | 0.98        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93        | 0.94       | 0.96        | 0.98        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93        | 0.94       | 0.96        | 0.98        |        |        |
| SEASONAL PROFILE SEASONS | 19 TP00L_29 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   | 0.94   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   | 0.94   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   | 0.94   |
| SEASONAL PROFILE SEASONS | 19 TP00L_29 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93        | 0.94       | 0.96        | 0.98        |        |        |

1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |
| SEASONAL PROFILE SEASONS | 20 TP00L_30 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.93    | 0.93     | 0.93     | 0.94 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.93    | 0.93     | 0.93     | 0.94 |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.93    | 0.93     | 0.93     | 0.94 |
| SEASONAL PROFILE SEASONS | 20 TP00L_30 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 21 TP00L_31 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.94    | 0.93     | 0.93     | 0.94 |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.94    | 0.93     | 0.93     | 0.94 |      |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.94    | 0.93     | 0.93     | 0.94 |      |
| SEASONAL PROFILE SEASONS | 21 TP00L_31 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |      |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |      |
| SEASONAL PROFILE SEASONS | 22 TP00L_32 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.94    | 0.93     | 0.93     | 0.94 |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.94    | 0.93     | 0.93     | 0.94 |      |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.96      | 0.94    | 0.93     | 0.93     | 0.94 |      |
| SEASONAL PROFILE SEASONS | 22 TP00L_32 | 8       | 9         | 10      | 11       | 12       |      |      |

|                          |             | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|-------------|-----------------------|-----------|---------|----------|----------|------|
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 23 TP00L_33 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| SEASONAL PROFILE SEASONS | 23 TP00L_33 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 24 TP00L_34 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.93     | 0.93 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.93     | 0.93 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.93     | 0.93 |
| SEASONAL PROFILE SEASONS | 24 TP00L_34 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93      | 0.94    | 0.97     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 25 TP00L_35 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.93     | 0.93 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.93     | 0.93 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.93     | 0.93 |
| SEASONAL PROFILE SEASONS | 25 TP00L_35 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |

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NewEnergy Associates  
Strategist Page 59AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

26 TP00L\_36

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.93 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.93 | 0.94 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.93 | 0.94 |

SEASONAL PROFILE  
SEASONS

26 TP00L\_36

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |

SEASONAL PROFILE  
SEASONS

27 TP00L\_37

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.95 |

SEASONAL PROFILE  
SEASONS

27 TP00L\_37

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |

SEASONAL PROFILE  
SEASONS

28 TP00L\_38

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.95 |

1 A Input Summary.txt

|                                                                                                     |             |         |           |         |          |          |      |                                            |
|-----------------------------------------------------------------------------------------------------|-------------|---------|-----------|---------|----------|----------|------|--------------------------------------------|
| SEASONAL PROFILE SEASONS                                                                            | 28 TP00L_38 | 8       | 9         | 10      | 11       | 12       |      |                                            |
|                                                                                                     |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |                                            |
| SUBPERIODS                                                                                          |             |         |           |         |          |          |      |                                            |
| 1 WKDAY                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| 2 WKNIGHT                                                                                           |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| 3 WKEND                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| SEASONAL PROFILE SEASONS                                                                            | 29 TP00L_39 | 1       | 2         | 3       | 4        | 5        | 6    | 7                                          |
|                                                                                                     |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY                                       |
| SUBPERIODS                                                                                          |             |         |           |         |          |          |      |                                            |
| 1 WKDAY                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 1.00    | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 | 0.95                                       |
| 2 WKNIGHT                                                                                           |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 1.00    | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 | 0.95                                       |
| 3 WKEND                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 1.00    | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 | 0.95                                       |
| SEASONAL PROFILE SEASONS                                                                            | 29 TP00L_39 | 8       | 9         | 10      | 11       | 12       |      |                                            |
|                                                                                                     |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |                                            |
| SUBPERIODS                                                                                          |             |         |           |         |          |          |      |                                            |
| 1 WKDAY                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| 2 WKNIGHT                                                                                           |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| 3 WKEND                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| SEASONAL PROFILE SEASONS                                                                            | 30 TP00L_40 | 1       | 2         | 3       | 4        | 5        | 6    | 7                                          |
|                                                                                                     |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY                                       |
| SUBPERIODS                                                                                          |             |         |           |         |          |          |      |                                            |
| 1 WKDAY                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 1.00    | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 | 0.95                                       |
| 2 WKNIGHT                                                                                           |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 1.00    | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 | 0.95                                       |
| 3 WKEND                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 1.00    | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 | 0.95                                       |
| SEASONAL PROFILE SEASONS                                                                            | 30 TP00L_40 | 8       | 9         | 10      | 11       | 12       |      |                                            |
|                                                                                                     |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |                                            |
| SUBPERIODS                                                                                          |             |         |           |         |          |          |      |                                            |
| 1 WKDAY                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| 2 WKNIGHT                                                                                           |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| 3 WKEND                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 0.94    | 0.94      | 0.94    | 0.97     | 0.98     |      |                                            |
| 02/12/13 08:26:32 V04.0 R03.0                                                                       |             |         |           |         |          |          |      | NewEnergy Associates<br>Strategist Page 60 |
| AEP EAST<br>GENERATION AND FUEL MODULE<br>INPUT SUMMARY REPORT<br>QUALIFIER = GAF.INPUT.PARAMETERS. |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE SEASONS                                                                            | 31 TDELV_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7                                          |
|                                                                                                     |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY                                       |
| SUBPERIODS                                                                                          |             |         |           |         |          |          |      |                                            |
| 1 WKDAY                                                                                             |             |         |           |         |          |          |      |                                            |
| SEASONAL PROFILE ENTRY                                                                              |             | 1.00    | 0.99      | 0.95    | 0.90     | 0.89     | 0.89 | 0.91                                       |

1 A Input Summary.txt

|                          |         |         |           |         |          |          |      |      |
|--------------------------|---------|---------|-----------|---------|----------|----------|------|------|
| 2                        | WKNIGHT |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.99      | 0.95    | 0.90     | 0.89     | 0.89 | 0.91 |
| 3                        | WKEND   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.99      | 0.95    | 0.90     | 0.89     | 0.89 | 0.91 |
| SEASONAL PROFILE SEASONS |         | 31      | TDELV_11  |         |          |          |      |      |
|                          |         | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |         |           |         |          |          |      |      |
| 1                        | WKDAY   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.91    | 0.90      | 0.90    | 0.94     | 0.96     |      |      |
| 2                        | WKNIGHT |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.91    | 0.90      | 0.90    | 0.94     | 0.96     |      |      |
| 3                        | WKEND   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.91    | 0.90      | 0.90    | 0.94     | 0.96     |      |      |
| SEASONAL PROFILE SEASONS |         | 32      | TDELV_12  |         |          |          |      |      |
|                          |         | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |         |           |         |          |          |      |      |
| 1                        | WKDAY   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.98      | 0.94    | 0.89     | 0.88     | 0.88 | 0.90 |
| 2                        | WKNIGHT |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.98      | 0.94    | 0.89     | 0.88     | 0.88 | 0.90 |
| 3                        | WKEND   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.98      | 0.94    | 0.89     | 0.88     | 0.88 | 0.90 |
| SEASONAL PROFILE SEASONS |         | 32      | TDELV_12  |         |          |          |      |      |
|                          |         | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |         |           |         |          |          |      |      |
| 1                        | WKDAY   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.90    | 0.88      | 0.90    | 0.94     | 0.96     |      |      |
| 2                        | WKNIGHT |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.90    | 0.88      | 0.90    | 0.94     | 0.96     |      |      |
| 3                        | WKEND   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.90    | 0.88      | 0.90    | 0.94     | 0.96     |      |      |
| SEASONAL PROFILE SEASONS |         | 33      | TDELV_13  |         |          |          |      |      |
|                          |         | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |         |           |         |          |          |      |      |
| 1                        | WKDAY   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.98      | 0.94    | 0.90     | 0.88     | 0.89 | 0.90 |
| 2                        | WKNIGHT |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.98      | 0.94    | 0.90     | 0.88     | 0.89 | 0.90 |
| 3                        | WKEND   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.98      | 0.94    | 0.90     | 0.88     | 0.89 | 0.90 |
| SEASONAL PROFILE SEASONS |         | 33      | TDELV_13  |         |          |          |      |      |
|                          |         | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |         |           |         |          |          |      |      |
| 1                        | WKDAY   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.90    | 0.89      | 0.90    | 0.94     | 0.97     |      |      |
| 2                        | WKNIGHT |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.90    | 0.89      | 0.90    | 0.94     | 0.97     |      |      |
| 3                        | WKEND   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.90    | 0.89      | 0.90    | 0.94     | 0.97     |      |      |
| SEASONAL PROFILE SEASONS |         | 34      | TDELV_14  |         |          |          |      |      |
|                          |         | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |         |           |         |          |          |      |      |
| 1                        | WKDAY   |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 1.00    | 0.98      | 0.95    | 0.90     | 0.89     | 0.90 | 0.91 |
| 2                        | WKNIGHT |         |           |         |          |          |      |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 1.00 | 1 A Input Summary.txt |      | 0.90 | 0.89 | 0.90 | 0.91 |
|                        |      | 0.98                  | 0.95 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98                  | 0.95 | 0.90 | 0.89 | 0.90 | 0.91 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 34 TDELV_14 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 35 TDELV_15 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.90 | 0.89 | 0.90 | 0.91 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.90 | 0.89 | 0.90 | 0.91 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.90 | 0.89 | 0.90 | 0.91 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 35 TDELV_15 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.90 | 0.91 | 0.95 | 0.97 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 36 TDELV_16 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 36 TDELV_16 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 37 TDELV_17 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |



1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.91 | 0.90 | 0.90 | 0.92 |

SEASONAL PROFILE  
SEASONS

|             |        |           |         |          |          |  |  |
|-------------|--------|-----------|---------|----------|----------|--|--|
| 37 TDELV_17 | 8      | 9         | 10      | 11       | 12       |  |  |
|             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.98 |  |  |

SEASONAL PROFILE  
SEASONS

|             |         |          |       |       |     |      |      |
|-------------|---------|----------|-------|-------|-----|------|------|
| 38 TDELV_18 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.90 | 0.91 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.90 | 0.91 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.90 | 0.91 | 0.92 |

SEASONAL PROFILE  
SEASONS

|             |        |           |         |          |          |  |  |
|-------------|--------|-----------|---------|----------|----------|--|--|
| 38 TDELV_18 | 8      | 9         | 10      | 11       | 12       |  |  |
|             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.95 | 0.97 |  |  |

SEASONAL PROFILE  
SEASONS

|             |         |          |       |       |     |      |      |
|-------------|---------|----------|-------|-------|-----|------|------|
| 39 TDELV_19 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.92 |

SEASONAL PROFILE  
SEASONS

|             |        |           |         |          |          |  |  |
|-------------|--------|-----------|---------|----------|----------|--|--|
| 39 TDELV_19 | 8      | 9         | 10      | 11       | 12       |  |  |
|             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.96 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.96 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.96 | 0.98 |  |  |

SEASONAL PROFILE  
SEASONS

|             |         |          |       |       |     |      |      |
|-------------|---------|----------|-------|-------|-----|------|------|
| 40 TDELV_20 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.92 |

SEASONAL PROFILE SEASONS 40 TDELV\_20

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.96 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.96 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.92 | 0.91 | 0.92 | 0.96 | 0.98 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 41 TDELV_21 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.93 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.93 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.95 | 0.92 | 0.91 | 0.91 | 0.93 |

SEASONAL PROFILE SEASONS 41 TDELV\_21

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.92 | 0.92 | 0.92 | 0.96 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.92 | 0.92 | 0.92 | 0.96 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.92 | 0.92 | 0.92 | 0.96 | 0.98 |

SEASONAL PROFILE SEASONS 42 TDELV\_22

|  |         |          |       |       |     |      |      |
|--|---------|----------|-------|-------|-----|------|------|
|  | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|  | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.93 | 0.92 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.93 | 0.92 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.93 | 0.92 | 0.92 |

SEASONAL PROFILE SEASONS 42 TDELV\_22

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.92 | 0.93 | 0.96 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.92 | 0.93 | 0.96 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.92 | 0.93 | 0.96 | 0.98 |

## 1 A Input Summary.txt

| SEASONAL PROFILE<br>SEASONS | 43 TDELV_23 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|-----------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
|                             |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                  |             |         |           |         |          |          |      |      |
| 1 WKDAY                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 2 WKNIGHT                   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 3 WKEND                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| SEASONAL PROFILE SEASONS    |             |         |           |         |          |          |      |      |
|                             | 43 TDELV_23 | 8       | 9         | 10      | 11       | 12       |      |      |
|                             |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                  |             |         |           |         |          |          |      |      |
| 1 WKDAY                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT                   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| 3 WKEND                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS    |             |         |           |         |          |          |      |      |
|                             | 44 TDELV_24 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                             |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                  |             |         |           |         |          |          |      |      |
| 1 WKDAY                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 2 WKNIGHT                   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 3 WKEND                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| SEASONAL PROFILE SEASONS    |             |         |           |         |          |          |      |      |
|                             | 44 TDELV_24 | 8       | 9         | 10      | 11       | 12       |      |      |
|                             |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                  |             |         |           |         |          |          |      |      |
| 1 WKDAY                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT                   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| 3 WKEND                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS    |             |         |           |         |          |          |      |      |
|                             | 45 TDELV_25 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                             |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                  |             |         |           |         |          |          |      |      |
| 1 WKDAY                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 2 WKNIGHT                   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| 3 WKEND                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 | 0.93 |
| SEASONAL PROFILE SEASONS    |             |         |           |         |          |          |      |      |
|                             | 45 TDELV_25 | 8       | 9         | 10      | 11       | 12       |      |      |
|                             |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                  |             |         |           |         |          |          |      |      |
| 1 WKDAY                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.93      | 0.93    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT                   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.93      | 0.93    | 0.96     | 0.98     |      |      |
| 3 WKEND                     |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.93    | 0.93      | 0.93    | 0.96     | 0.98     |      |      |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |             |         |           |         |          |          |      |      |
|----------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 46 TDELV_26 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.93 | 0.94 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.93 | 0.94 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.93 | 0.94 |
| SEASONAL PROFILE SEASONS         | 46 TDELV_26 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.93    | 0.93      | 0.93    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.93    | 0.93      | 0.93    | 0.96     | 0.98     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.93    | 0.93      | 0.93    | 0.96     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS         | 47 TDELV_27 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.93     | 0.93 | 0.94 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.93     | 0.93 | 0.94 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.93     | 0.93 | 0.94 |
| SEASONAL PROFILE SEASONS         | 47 TDELV_27 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS         | 48 TDELV_28 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.93     | 0.93 | 0.94 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.93     | 0.93 | 0.94 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.93     | 0.93 | 0.94 |
| SEASONAL PROFILE SEASONS         | 48 TDELV_28 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |      |

## 1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93    | 0.94      | 0.96    | 0.98     |          |      |
| SEASONAL PROFILE SEASONS | 49 TDELV_29 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| SEASONAL PROFILE SEASONS | 49 TDELV_29 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.96     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 50 TDELV_30 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 |
| SEASONAL PROFILE SEASONS | 50 TDELV_30 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94    | 0.93      | 0.94    | 0.97     | 0.98     |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 51 TDELV_31 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 | 0.94 |
| 2 WK NIGHT               |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 | 0.94 |
| 3 WKEND                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.94     | 0.93     | 0.93 | 0.94 |
| SEASONAL PROFILE SEASONS | 51 TDELV_31 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |         |           |         |          |          |      |      |

1 A Input Summary.txt

|                          |             |             |            |             |             |        |        |
|--------------------------|-------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93        | 0.94       | 0.97        | 0.98        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93        | 0.94       | 0.97        | 0.98        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.93        | 0.94       | 0.97        | 0.98        |        |        |
| SEASONAL PROFILE SEASONS | 52 TDELV_32 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.94        | 0.93        | 0.93   | 0.94   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.94        | 0.93        | 0.93   | 0.94   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.94        | 0.93        | 0.93   | 0.94   |
| SEASONAL PROFILE SEASONS | 52 TDELV_32 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94        | 0.94       | 0.97        | 0.98        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94        | 0.94       | 0.97        | 0.98        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94        | 0.94       | 0.97        | 0.98        |        |        |
| SEASONAL PROFILE SEASONS | 53 TDELV_33 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.94        | 0.93        | 0.93   | 0.94   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.94        | 0.93        | 0.93   | 0.94   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.94        | 0.93        | 0.93   | 0.94   |
| SEASONAL PROFILE SEASONS | 53 TDELV_33 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94        | 0.94       | 0.97        | 0.98        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94        | 0.94       | 0.97        | 0.98        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94        | 0.94       | 0.97        | 0.98        |        |        |
| SEASONAL PROFILE SEASONS | 54 TDELV_34 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.97       | 0.94        | 0.93        | 0.93   | 0.94   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.97       | 0.94        | 0.93        | 0.93   | 0.94   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.97       | 0.94        | 0.93        | 0.93   | 0.94   |
| SEASONAL PROFILE SEASONS | 54 TDELV_34 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94        | 0.94       | 0.97        | 0.98        |        |        |

1 A Input Summary.txt

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 55 TDELV_35 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| SUBPERIODS             |      |      |      |      |      |      |      |
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.94 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.94 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 55 TDELV_35 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| SUBPERIODS             |      |      |      |      |      |  |  |
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 56 TDELV_36 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| SUBPERIODS             |      |      |      |      |      |      |      |
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 56 TDELV_36 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| SUBPERIODS             |      |      |      |      |      |  |  |
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.95 | 0.97 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.95 | 0.97 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.95 | 0.97 | 0.98 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 57 TDELV_37 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| SUBPERIODS             |      |      |      |      |      |      |      |
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |

|                          |             |   |   |    |    |    |  |
|--------------------------|-------------|---|---|----|----|----|--|
| SEASONAL PROFILE SEASONS | 57 TDELV_37 | 8 | 9 | 10 | 11 | 12 |  |
|--------------------------|-------------|---|---|----|----|----|--|

|                          |             | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|-------------|-----------------------|-----------|---------|----------|----------|------|
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 58 TDELV_38 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.94     | 0.94     | 0.94 |
| SEASONAL PROFILE SEASONS | 58 TDELV_38 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 59 TDELV_39 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.95     | 0.94     | 0.94 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.95     | 0.94     | 0.94 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.95     | 0.94     | 0.94 |
| SEASONAL PROFILE SEASONS | 59 TDELV_39 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.94      | 0.95    | 0.97     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 60 TDELV_40 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.95     | 0.94     | 0.94 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.95     | 0.94     | 0.94 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.97    | 0.95     | 0.94     | 0.94 |
| SEASONAL PROFILE SEASONS | 60 TDELV_40 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |



| SUBPERIODS             |         |      |      |      |      |      |
|------------------------|---------|------|------|------|------|------|
| 1                      | WKDAY   |      |      |      |      |      |
| SEASONAL PROFILE ENTRY |         | 0.95 | 0.95 | 0.95 | 0.97 | 0.99 |
| 2                      | WKNIGHT |      |      |      |      |      |
| SEASONAL PROFILE ENTRY |         | 0.95 | 0.95 | 0.95 | 0.97 | 0.99 |
| 3                      | WKEND   |      |      |      |      |      |
| SEASONAL PROFILE ENTRY |         | 0.95 | 0.95 | 0.95 | 0.97 | 0.99 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONAL PROFILE SEASONS |         | 62 BS_GAS   | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|--------------------------|---------|-------------|---------|-----------|---------|----------|----------|------|------|
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.98      | 0.94    | 0.90     | 0.89     | 0.89 | 0.91 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.98      | 0.94    | 0.90     | 0.89     | 0.89 | 0.91 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.98      | 0.94    | 0.90     | 0.89     | 0.89 | 0.91 |
| SEASONAL PROFILE SEASONS |         | 62 BS_GAS   | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.91    | 0.90      | 0.91    | 0.95     | 0.97     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.91    | 0.90      | 0.91    | 0.95     | 0.97     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.91    | 0.90      | 0.91    | 0.95     | 0.97     |      |      |
| SEASONAL PROFILE SEASONS |         | 63 Amos1_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99      | 0.97    | 0.96     | 0.96     | 0.94 | 0.93 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99      | 0.97    | 0.96     | 0.96     | 0.94 | 0.93 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99      | 0.97    | 0.96     | 0.96     | 0.94 | 0.93 |
| SEASONAL PROFILE SEASONS |         | 63 Amos1_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.92    | 0.91      | 0.90    | 0.87     | 0.87     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.92    | 0.91      | 0.90    | 0.87     | 0.87     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.92    | 0.91      | 0.90    | 0.87     | 0.87     |      |      |
| SEASONAL PROFILE SEASONS |         | 64 Amos1_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.97    | 0.97      | 0.98    | 0.97     | 0.97     | 0.98 | 0.98 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.97    | 0.97      | 0.98    | 0.97     | 0.97     | 0.98 | 0.98 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.97    | 0.97      | 0.98    | 0.97     | 0.97     | 0.98 | 0.98 |

1 A Input Summary.txt

|                                                                                                                             |             |         |           |         |          |          |      |      |
|-----------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE<br>SEASONS                                                                                                 | 64 Amos1_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                             |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                  |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                           |             | 0.98    | 0.98      | 0.98    | 0.99     | 1.00     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                         |             | 0.98    | 0.98      | 0.98    | 0.99     | 1.00     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                           |             | 0.98    | 0.98      | 0.98    | 0.99     | 1.00     |      |      |
| SEASONAL PROFILE<br>SEASONS                                                                                                 | 65 Beck_11  | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                             |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                  |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                           |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                         |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                           |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE<br>SEASONS                                                                                                 | 65 Beck_11  | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                             |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                  |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                           |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                         |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                           |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE<br>SEASONS                                                                                                 | 66 AM3_11   | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                             |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                  |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                           |             | 1.00    | 0.99      | 0.98    | 0.97     | 0.96     | 0.95 | 0.93 |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                         |             | 1.00    | 0.99      | 0.98    | 0.97     | 0.96     | 0.95 | 0.93 |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                           |             | 1.00    | 0.99      | 0.98    | 0.97     | 0.96     | 0.95 | 0.93 |
| SEASONAL PROFILE<br>SEASONS                                                                                                 | 66 AM3_11   | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                             |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                  |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                           |             | 0.92    | 0.89      | 0.89    | 0.89     | 0.89     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                         |             | 0.92    | 0.89      | 0.89    | 0.89     | 0.89     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                           |             | 0.92    | 0.89      | 0.89    | 0.89     | 0.89     |      |      |
| ‡ 02/12/13 08:26:33 V04.0 R03.0 <div>             NewEnergy Associates<br/>             Strategist Page 67           </div> |             |         |           |         |          |          |      |      |
| AEP EAST<br>GENERATION AND FUEL MODULE<br>INPUT SUMMARY REPORT<br>QUALIFIER = GAF.INPUT.PARAMETERS.                         |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE<br>SEASONS                                                                                                 | 67 AM3_12   | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                             |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                  |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                           |             | 0.94    | 0.96      | 0.98    | 0.96     | 0.97     | 0.98 | 0.98 |

1 A Input Summary.txt

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.96      | 0.98    | 0.96     | 0.97     | 0.98 | 0.98 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.96      | 0.98    | 0.96     | 0.97     | 0.98 | 0.98 |
| SEASONAL PROFILE SEASONS | 67 AM3_12   |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.99    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.99    | 1.00     | 1.00     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.99    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 68 BS12     |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.00        | 0.00      | 0.00    | 0.00     | 0.00     | 0.00 | 0.97 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.00        | 0.00      | 0.00    | 0.00     | 0.00     | 0.00 | 0.97 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.00        | 0.00      | 0.00    | 0.00     | 0.00     | 0.00 | 0.97 |
| SEASONAL PROFILE SEASONS | 68 BS12     |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98        | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98        | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98        | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 69 BS13     |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.99    | 1.00     | 0.99     | 1.00 | 0.99 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.99    | 1.00     | 0.99     | 1.00 | 0.99 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.99    | 1.00     | 0.99     | 1.00 | 0.99 |
| SEASONAL PROFILE SEASONS | 69 BS13     |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 70 Card1_11 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.93      | 0.94    | 0.94     | 0.95     | 0.95 | 0.95 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 0.93 | 1 A Input Summary.txt |      | 0.94 | 0.95 | 0.95 | 0.95 |
|                        |      | 0.93                  | 0.94 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.93                  | 0.94 | 0.94 | 0.95 | 0.95 | 0.95 |

|                          |             |        |           |         |          |          |
|--------------------------|-------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE SEASONS | 70 Card1_11 | 8      | 9         | 10      | 11       | 12       |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |
|------------------------|------|------|------|------|------|--|
| 1 WKDAY                |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.97 | 0.98 | 0.99 | 1.00 |  |
| 2 WKNIGHT              |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.97 | 0.98 | 0.99 | 1.00 |  |
| 3 WKEND                |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.97 | 0.98 | 0.99 | 1.00 |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 71 Card1_12 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 |

|                          |             |        |           |         |          |          |
|--------------------------|-------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE SEASONS | 71 Card1_12 | 8      | 9         | 10      | 11       | 12       |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |
|------------------------|------|------|------|------|------|--|
| 1 WKDAY                |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 |  |
| 2 WKNIGHT              |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 |  |
| 3 WKEND                |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.98 | 0.98 | 0.97 |  |

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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 73 Card2_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 | 0.98 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 | 0.98 |

|                          |             |        |           |         |          |          |
|--------------------------|-------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE SEASONS | 73 Card2_11 | 8      | 9         | 10      | 11       | 12       |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |
|------------------------|------|------|------|------|------|--|
| 1 WKDAY                |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |  |
| 2 WKNIGHT              |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |  |
| 3 WKEND                |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 74 Card2_12 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## 1 A Input Summary.txt

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.96 | 0.97 | 0.97 | 0.98 | 0.98 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.96 | 0.97 | 0.97 | 0.98 | 0.98 | 0.98 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.96 | 0.97 | 0.97 | 0.98 | 0.98 | 0.98 |

SEASONAL PROFILE  
SEASONS

74 Card2\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 1.00 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 1.00 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

76 Card3\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.97 | 0.98 | 0.99 | 0.99 | 0.99 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.97 | 0.98 | 0.99 | 0.99 | 0.99 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.97 | 0.98 | 0.99 | 0.99 | 0.99 | 1.00 |

SEASONAL PROFILE  
SEASONS

76 Card3\_11

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

77 Card3\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |

SEASONAL PROFILE  
SEASONS

77 Card3\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

79 AM2\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.98 | 0.98 | 0.97 | 0.96 | 0.95 |

  

|                  |           |        |           |         |          |          |  |
|------------------|-----------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 79 AM2_11 |        |           |         |          |          |  |
| SEASONS          |           | 8      | 9         | 10      | 11       | 12       |  |
|                  |           | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.91 | 0.90 | 0.90 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.91 | 0.90 | 0.90 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.91 | 0.90 | 0.90 |  |  |

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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                  |           |         |          |       |       |     |      |
|------------------|-----------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 80 AM2_12 |         |          |       |       |     |      |
| SEASONS          |           | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |           | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |           |         |          |       |       |     | 7    |
|                  |           |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.94 | 0.95 | 0.95 | 0.96 | 0.96 | 0.97 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.94 | 0.95 | 0.95 | 0.96 | 0.96 | 0.97 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.94 | 0.95 | 0.95 | 0.96 | 0.96 | 0.97 |

  

|                  |           |        |           |         |          |          |  |
|------------------|-----------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 80 AM2_12 |        |           |         |          |          |  |
| SEASONS          |           | 8      | 9         | 10      | 11       | 12       |  |
|                  |           | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 |  |  |

  

|                  |            |         |          |       |       |     |      |
|------------------|------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 82 CLRV_11 |         |          |       |       |     |      |
| SEASONS          |            | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |            |         |          |       |       |     | 7    |
|                  |            |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 | 0.98 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 | 0.98 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.99 | 0.99 | 0.99 | 0.98 | 0.99 |

  

|                  |            |        |           |         |          |          |  |
|------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 82 CLRV_11 |        |           |         |          |          |  |
| SEASONS          |            | 8      | 9         | 10      | 11       | 12       |  |
|                  |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |  |  |

## 1 A Input Summary.txt

| SEASONAL PROFILE SEASONS |         | 83 CLRV_12  | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|--------------------------|---------|-------------|---------|-----------|---------|----------|----------|------|------|
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.81    | 0.85      | 0.89    | 0.92     | 0.94     | 0.95 | 0.97 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.81    | 0.85      | 0.89    | 0.92     | 0.94     | 0.95 | 0.97 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.81    | 0.85      | 0.89    | 0.92     | 0.94     | 0.95 | 0.97 |
| SEASONAL PROFILE SEASONS |         | 83 CLRV_12  | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS |         | 85 CSVL3_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.99    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.99    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.99    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS |         | 85 CSVL3_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS |         | 86 CSVL3_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.88    | 0.91      | 0.93    | 0.95     | 0.96     | 0.96 | 0.97 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.88    | 0.91      | 0.93    | 0.95     | 0.96     | 0.96 | 0.97 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.88    | 0.91      | 0.93    | 0.95     | 0.96     | 0.96 | 0.97 |
| SEASONAL PROFILE SEASONS |         | 86 CSVL3_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                     |             |         |           |         |          |          |      |      |
|-------------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE<br>SEASONS         | 88 CSVL4_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                     |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                          |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.99    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.99    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.99    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE<br>SEASONS         | 88 CSVL4_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                     |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                          |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE<br>SEASONS         | 89 CSVL4_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                     |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                          |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.88    | 0.91      | 0.93    | 0.95     | 0.96     | 0.96 | 0.97 |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.88    | 0.91      | 0.93    | 0.95     | 0.96     | 0.96 | 0.97 |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.88    | 0.91      | 0.93    | 0.95     | 0.96     | 0.96 | 0.97 |
| SEASONAL PROFILE<br>SEASONS         | 89 CSVL4_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                     |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                          |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.98    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| SEASONAL PROFILE<br>SEASONS         | 91 CSV56_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                     |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                          |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.88    | 0.90      | 0.91    | 0.92     | 0.92     | 0.95 | 0.97 |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.88    | 0.90      | 0.91    | 0.92     | 0.92     | 0.95 | 0.97 |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.88    | 0.90      | 0.91    | 0.92     | 0.92     | 0.95 | 0.97 |
| SEASONAL PROFILE<br>SEASONS         | 91 CSV56_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                     |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                          |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.98    | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.98    | 0.99      | 0.99    | 1.00     | 1.00     |      |      |



|                          |             |         |          |         |          |          |      |                       |  |
|--------------------------|-------------|---------|----------|---------|----------|----------|------|-----------------------|--|
|                          |             |         |          |         |          |          |      | 1 A Input Summary.txt |  |
| 3 WKEND                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.98        | 0.99    | 0.99     | 1.00    | 1.00     |          |      |                       |  |
|                          |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE SEASONS | 92 CSV56_12 | 1       | 2        | 3       | 4        | 5        | 6    | 7                     |  |
|                          |             | JANUARY | FEBRUARY | MARCH   | APRIL    | MAY      | JUNE | JULY                  |  |
| SUBPERIODS               |             |         |          |         |          |          |      |                       |  |
| 1 WKDAY                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 0.99     | 0.99    | 0.99     | 0.98     | 0.99 |                       |  |
| 2 WKNIGHT                |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 0.99     | 0.99    | 0.99     | 0.98     | 0.99 |                       |  |
| 3 WKEND                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 0.99     | 0.99    | 0.99     | 0.98     | 0.99 |                       |  |
|                          |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE SEASONS | 92 CSV56_12 | 8       | 9        | 10      | 11       | 12       |      |                       |  |
|                          |             | AUGUST  | SEPTEMR  | OCTOBER | NOVEMBER | DECEMBER |      |                       |  |
| SUBPERIODS               |             |         |          |         |          |          |      |                       |  |
| 1 WKDAY                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 1.00     | 1.00    | 1.00     |          |      |                       |  |
| 2 WKNIGHT                |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 1.00     | 1.00    | 1.00     |          |      |                       |  |
| 3 WKEND                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 1.00     | 1.00    | 1.00     |          |      |                       |  |
|                          |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE SEASONS | 93 BS14     | 1       | 2        | 3       | 4        | 5        | 6    | 7                     |  |
|                          |             | JANUARY | FEBRUARY | MARCH   | APRIL    | MAY      | JUNE | JULY                  |  |
| SUBPERIODS               |             |         |          |         |          |          |      |                       |  |
| 1 WKDAY                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 0.99     | 0.99    | 0.99     | 0.99     | 0.98 |                       |  |
| 2 WKNIGHT                |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 0.99     | 0.99    | 0.99     | 0.99     | 0.98 |                       |  |
| 3 WKEND                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 0.99     | 0.99    | 0.99     | 0.99     | 0.98 |                       |  |
|                          |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE SEASONS | 93 BS14     | 8       | 9        | 10      | 11       | 12       |      |                       |  |
|                          |             | AUGUST  | SEPTEMR  | OCTOBER | NOVEMBER | DECEMBER |      |                       |  |
| SUBPERIODS               |             |         |          |         |          |          |      |                       |  |
| 1 WKDAY                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 1.00    | 1.00     | 1.00    | 1.00     |          |      |                       |  |
| 2 WKNIGHT                |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 1.00    | 1.00     | 1.00    | 1.00     |          |      |                       |  |
| 3 WKEND                  |             |         |          |         |          |          |      |                       |  |
| SEASONAL PROFILE ENTRY   | 0.99        | 1.00    | 1.00     | 1.00    | 1.00     |          |      |                       |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |         |         |           |         |          |          |      |      |
|--------------------------|---------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 94 BS15 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |         |           |         |          |          |      |      |
| 1 WKDAY                  |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.97    | 0.98      | 0.98    | 0.98     | 0.98     | 0.98 | 0.98 |
| 2 WKNIGHT                |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.97    | 0.98      | 0.98    | 0.98     | 0.98     | 0.98 | 0.98 |
| 3 WKEND                  |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         | 0.97    | 0.98      | 0.98    | 0.98     | 0.98     | 0.98 | 0.98 |
|                          |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS | 94 BS15 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |         |           |         |          |          |      |      |

|                          |            | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|------------|-----------------------|-----------|---------|----------|----------|------|
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.98                  | 0.98      | 0.98    | 0.98     | 1.00     |      |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.98                  | 0.98      | 0.98    | 0.98     | 1.00     |      |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.98                  | 0.98      | 0.98    | 0.98     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 95 Nucl_11 | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |            |                       |           |         |          |          | 7    |
|                          |            |                       |           |         |          |          | JULY |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.98                  | 0.98      | 0.98    | 0.99     | 0.99     | 1.00 |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.98                  | 0.98      | 0.98    | 0.99     | 0.99     | 1.00 |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.98                  | 0.98      | 0.98    | 0.99     | 0.99     | 1.00 |
| SEASONAL PROFILE SEASONS | 95 Nucl_11 | 8                     | 9         | 10      | 11       | 12       |      |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 1.00      | 0.97    | 0.94     | 0.95     |      |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 1.00      | 0.97    | 0.94     | 0.95     |      |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 1.00      | 0.97    | 0.94     | 0.95     |      |
| SEASONAL PROFILE SEASONS | 96 Nucl_12 | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |            |                       |           |         |          |          | 7    |
|                          |            |                       |           |         |          |          | JULY |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.95                  | 0.95      | 0.95    | 0.95     | 0.97     | 0.98 |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.95                  | 0.95      | 0.95    | 0.95     | 0.97     | 0.98 |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.95                  | 0.95      | 0.95    | 0.95     | 0.97     | 0.98 |
| SEASONAL PROFILE SEASONS | 96 Nucl_12 | 8                     | 9         | 10      | 11       | 12       |      |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.97    | 0.95     | 0.95     |      |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.97    | 0.95     | 0.95     |      |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.97    | 0.95     | 0.95     |      |
| SEASONAL PROFILE SEASONS | 97 Nucl_13 | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |            |                       |           |         |          |          | 7    |
|                          |            |                       |           |         |          |          | JULY |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 1.00      | 1.00    | 0.90     | 0.92     | 0.93 |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 1.00      | 1.00    | 0.90     | 0.92     | 0.93 |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 1.00      | 1.00    | 0.90     | 0.92     | 0.93 |
| SEASONAL PROFILE SEASONS | 97 Nucl_13 | 8                     | 9         | 10      | 11       | 12       |      |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.95                  | 0.94      | 0.93    | 0.90     | 0.91     |      |

1 A Input Summary.txt

|                          |            |             |            |             |             |        |        |
|--------------------------|------------|-------------|------------|-------------|-------------|--------|--------|
| 2 WKNIGHT                |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95       | 0.94        | 0.93       | 0.90        | 0.91        |        |        |
| 3 WKEND                  |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95       | 0.94        | 0.93       | 0.90        | 0.91        |        |        |
| SEASONAL PROFILE SEASONS | 98 Nucl_14 |             |            |             |             |        |        |
|                          | 1 JANUARY  | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |            |             |            |             |             |        |        |
| 1 WKDAY                  |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95       | 0.95        | 0.95       | 0.95        | 0.97        | 0.98   | 1.00   |
| 2 WKNIGHT                |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95       | 0.95        | 0.95       | 0.95        | 0.97        | 0.98   | 1.00   |
| 3 WKEND                  |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95       | 0.95        | 0.95       | 0.95        | 0.97        | 0.98   | 1.00   |
| SEASONAL PROFILE SEASONS | 98 Nucl_14 |             |            |             |             |        |        |
|                          | 8 AUGUST   | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |            |             |            |             |             |        |        |
| 1 WKDAY                  |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98        | 0.93       | 0.91        | 0.91        |        |        |
| 2 WKNIGHT                |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98        | 0.93       | 0.91        | 0.91        |        |        |
| 3 WKEND                  |            |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98        | 0.93       | 0.91        | 0.91        |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |             |            |             |             |        |        |
|--------------------------|-------------|-------------|------------|-------------|-------------|--------|--------|
| SEASONAL PROFILE SEASONS | 99 Nucl_15  |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.95        | 0.97        | 0.98   | 1.00   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.95        | 0.97        | 0.98   | 1.00   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.95        | 0.97        | 0.98   | 1.00   |
| SEASONAL PROFILE SEASONS | 99 Nucl_15  |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.98       | 0.95        | 0.96        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.98       | 0.95        | 0.96        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.98       | 0.95        | 0.96        |        |        |
| SEASONAL PROFILE SEASONS | 100 Nucl_16 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.96        | 0.97        | 0.98   | 1.00   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.96        | 0.97        | 0.98   | 1.00   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.96        | 0.97        | 0.98   | 1.00   |
| SEASONAL PROFILE SEASONS | 100 Nucl_16 |             |            |             |             |        |        |
|                          | 8           | 9           | 10         | 11          | 12          |        |        |

|                          |             | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|-------------|-----------------------|-----------|---------|----------|----------|------|
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.98    | 0.96     | 0.96     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.98    | 0.96     | 0.96     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.98    | 0.96     | 0.96     |      |
| SEASONAL PROFILE SEASONS | 101 Nucl_17 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.96                  | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.96                  | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.96                  | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 |
| SEASONAL PROFILE SEASONS | 101 Nucl_17 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.95    | 0.93     | 0.93     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.95    | 0.93     | 0.93     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.95    | 0.93     | 0.93     |      |
| SEASONAL PROFILE SEASONS | 102 Nucl_18 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.96                  | 0.96      | 0.96    | 0.96     | 0.98     | 0.98 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.96                  | 0.96      | 0.96    | 0.96     | 0.98     | 0.98 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.96                  | 0.96      | 0.96    | 0.96     | 0.98     | 0.98 |
| SEASONAL PROFILE SEASONS | 102 Nucl_18 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.98    | 0.96     | 0.96     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.98    | 0.96     | 0.96     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.98    | 0.96     | 0.96     |      |
| SEASONAL PROFILE SEASONS | 103 Nucl_19 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93      | 0.93    | 0.96     | 0.98     | 0.98 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93      | 0.93    | 0.96     | 0.98     | 0.98 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93      | 0.93    | 0.96     | 0.98     | 0.98 |
| SEASONAL PROFILE SEASONS | 103 Nucl_19 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.98 | 0.96 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.98 | 0.96 | 0.96 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.98 | 0.96 | 0.96 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 104 Nuc1_20 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.93 | 0.93 | 0.93 | 0.95 | 0.96 | 0.97 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.93 | 0.93 | 0.93 | 0.95 | 0.96 | 0.97 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.93 | 0.93 | 0.93 | 0.95 | 0.96 | 0.97 |

|                          |             |        |           |         |          |          |
|--------------------------|-------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE SEASONS | 104 Nuc1_20 | 8      | 9         | 10      | 11       | 12       |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.96 | 1.00 | 0.98 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.96 | 1.00 | 0.98 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.96 | 1.00 | 0.98 | 0.98 |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 107 Nuc2_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |

|                          |             |        |           |         |          |          |
|--------------------------|-------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE SEASONS | 107 Nuc2_11 | 8      | 9         | 10      | 11       | 12       |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.96 | 0.96 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.96 | 0.96 | 0.96 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.96 | 0.96 | 0.96 |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 108 Nuc2_12 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.97 | 0.98 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.97 | 0.98 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.97 | 0.98 | 1.00 |

1 A Input Summary.txt

| SEASONAL PROFILE<br>SEASONS         | 108 Nuc2_12 | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-------------------------------------|-------------|-------------|----------------|---------------|----------------|----------------|
| SUBPERIODS                          |             |             |                |               |                |                |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.99        | 0.98           | 0.96          | 0.96           | 0.96           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.99        | 0.98           | 0.96          | 0.96           | 0.96           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.99        | 0.98           | 0.96          | 0.96           | 0.96           |

| SEASONAL PROFILE<br>SEASONS         | 109 Nuc2_13 | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-------------------------------------|-------------|--------------|---------------|------------|------------|----------|-----------|-----------|
| SUBPERIODS                          |             |              |               |            |            |          |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.96         | 0.96          | 0.96       | 0.96       | 0.97     | 0.98      | 1.00      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.96         | 0.96          | 0.96       | 0.96       | 0.97     | 0.98      | 1.00      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.96         | 0.96          | 0.96       | 0.96       | 0.97     | 0.98      | 1.00      |

| SEASONAL PROFILE<br>SEASONS         | 109 Nuc2_13 | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-------------------------------------|-------------|-------------|----------------|---------------|----------------|----------------|
| SUBPERIODS                          |             |             |                |               |                |                |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.99        | 0.98           | 0.96          | 0.92           | 0.92           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.99        | 0.98           | 0.96          | 0.92           | 0.92           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.99        | 0.98           | 0.96          | 0.92           | 0.92           |

| SEASONAL PROFILE<br>SEASONS         | 110 Nuc2_14 | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-------------------------------------|-------------|--------------|---------------|------------|------------|----------|-----------|-----------|
| SUBPERIODS                          |             |              |               |            |            |          |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.96         | 0.96          | 0.96       | 0.96       | 0.97     | 0.98      | 1.00      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.96         | 0.96          | 0.96       | 0.96       | 0.97     | 0.98      | 1.00      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.96         | 0.96          | 0.96       | 0.96       | 0.97     | 0.98      | 1.00      |

| SEASONAL PROFILE<br>SEASONS         | 110 Nuc2_14 | 8<br>AUGUST | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |
|-------------------------------------|-------------|-------------|----------------|---------------|----------------|----------------|
| SUBPERIODS                          |             |             |                |               |                |                |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   |             | 0.99        | 0.98           | 0.96          | 0.96           | 0.96           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY |             | 0.99        | 0.98           | 0.96          | 0.96           | 0.96           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   |             | 0.99        | 0.98           | 0.96          | 0.96           | 0.96           |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONAL PROFILE<br>SEASONS       | 111 Nuc2_15 | 1<br>JANUARY | 2<br>FEBRUARY | 3<br>MARCH | 4<br>APRIL | 5<br>MAY | 6<br>JUNE | 7<br>JULY |
|-----------------------------------|-------------|--------------|---------------|------------|------------|----------|-----------|-----------|
| SUBPERIODS                        |             |              |               |            |            |          |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY |             | 0.99         | 0.99          | 0.99       | 0.95       | 0.97     | 0.98      | 1.00      |

1 A Input Summary.txt

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.99    | 0.95     | 0.97     | 0.98 | 1.00 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.99    | 0.95     | 0.97     | 0.98 | 1.00 |
| SEASONAL PROFILE SEASONS | 111 Mac2_15 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.97    | 0.96     | 0.96     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.97    | 0.96     | 0.96     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.97    | 0.96     | 0.96     |      |      |
| SEASONAL PROFILE SEASONS | 112 Mac2_16 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 | 1.00 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 | 1.00 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 | 1.00 |
| SEASONAL PROFILE SEASONS | 112 Mac2_16 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.97    | 0.94     | 0.94     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.97    | 0.94     | 0.94     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.98      | 0.97    | 0.94     | 0.94     |      |      |
| SEASONAL PROFILE SEASONS | 113 Mac2_17 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 | 1.00 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 | 1.00 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96      | 0.96    | 0.96     | 0.97     | 0.98 | 1.00 |
| SEASONAL PROFILE SEASONS | 113 Mac2_17 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98      | 0.97    | 0.96     | 0.96     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98      | 0.97    | 0.96     | 0.96     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98      | 0.97    | 0.96     | 0.96     |      |      |
| SEASONAL PROFILE SEASONS | 114 Mac2_18 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94      | 0.94    | 0.94     | 0.97     | 0.98 | 1.00 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 0.94 | 1 A Input Summary.txt |      | 0.94 | 0.97 | 0.98 | 1.00 |
|                        |      | 0.94                  | 0.94 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94                  | 0.94 | 0.94 | 0.97 | 0.98 | 1.00 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 114 Nuc2_18 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.96 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.96 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.96 | 0.96 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 115 Nuc2_19 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 115 Nuc2_19 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.98 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.98 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.98 | 0.98 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 116 Nuc2_20 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.97 | 0.98 | 1.00 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 116 Nuc2_20 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.96 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.96 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.96 | 0.96 |  |  |

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 118 Gav12_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |



1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.98 | 0.98 | 0.99 | 1.00 | 1.00 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.98 | 0.98 | 0.99 | 1.00 | 1.00 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.98 | 0.98 | 0.99 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE  
SEASONS

118 Gav12\_11  
8 9 10 11 12  
AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

119 Gav12\_12  
1 2 3 4 5 6 7  
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.96 | 0.97 | 0.98 | 0.98 | 0.99 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.96 | 0.97 | 0.98 | 0.98 | 0.99 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.96 | 0.97 | 0.98 | 0.98 | 0.99 | 0.99 |

SEASONAL PROFILE  
SEASONS

119 Gav12\_12  
8 9 10 11 12  
AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

121 Gln56\_11  
1 2 3 4 5 6 7  
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |

SEASONAL PROFILE  
SEASONS

121 Gln56\_11  
8 9 10 11 12  
AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

122 Gln56\_12  
1 2 3 4 5 6 7  
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.97 | 0.96 | 0.95 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.97 | 0.96 | 0.95 | 0.94 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.97 | 0.97 | 0.96 | 0.95 | 0.94 |

SEASONAL PROFILE SEASONS 122 Gln56\_12

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.93 | 0.93 | 0.93 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.93 | 0.93 | 0.93 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.93 | 0.93 | 0.93 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS 124 KMR\_11

|  |         |          |       |       |     |      |      |
|--|---------|----------|-------|-------|-----|------|------|
|  | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|  | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.98 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.98 |

SEASONAL PROFILE SEASONS 124 KMR\_11

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.93 | 0.92 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.93 | 0.92 | 0.92 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.93 | 0.92 | 0.92 |

SEASONAL PROFILE SEASONS 125 KMR\_12

|  |         |          |       |       |     |      |      |
|--|---------|----------|-------|-------|-----|------|------|
|  | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|  | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.95 | 0.93 | 0.92 | 0.91 | 0.90 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.95 | 0.93 | 0.92 | 0.91 | 0.90 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.95 | 0.93 | 0.92 | 0.91 | 0.90 |

SEASONAL PROFILE SEASONS 125 KMR\_12

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |

## 1 A Input Summary.txt

| SEASONAL PROFILE<br>SEASONS         | 127 KNWR_11  |                |               |                |                |           |           |
|-------------------------------------|--------------|----------------|---------------|----------------|----------------|-----------|-----------|
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 1.00           | 1.00          | 1.00           | 1.00           | 1.00      | 1.00      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 1.00           | 1.00          | 1.00           | 1.00           | 1.00      | 1.00      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 1.00           | 1.00          | 1.00           | 1.00           | 1.00      | 1.00      |
| SEASONAL PROFILE<br>SEASONS         | 127 KNWR_11  |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.99          | 0.98           | 0.98           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.99           | 0.99          | 0.98           | 0.98           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.99          | 0.98           | 0.98           |           |           |
| SEASONAL PROFILE<br>SEASONS         | 128 KNWR_12  |                |               |                |                |           |           |
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.96           | 0.94          | 0.93           | 0.92           | 0.91      | 0.91      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.96           | 0.94          | 0.93           | 0.92           | 0.91      | 0.91      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.96           | 0.94          | 0.93           | 0.92           | 0.91      | 0.91      |
| SEASONAL PROFILE<br>SEASONS         | 128 KNWR_12  |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.90         | 0.90           | 0.90          | 0.90           | 0.90           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.90         | 0.90           | 0.90          | 0.90           | 0.90           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.90         | 0.90           | 0.90          | 0.90           | 0.90           |           |           |
| SEASONAL PROFILE<br>SEASONS         | 131 KYGR_11  |                |               |                |                |           |           |
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.96         | 0.96           | 0.99          | 0.96           | 0.96           | 0.96      | 0.99      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.96         | 0.96           | 0.99          | 0.96           | 0.96           | 0.96      | 0.99      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.96         | 0.96           | 0.99          | 0.96           | 0.96           | 0.96      | 0.99      |
| SEASONAL PROFILE<br>SEASONS         | 131 KYGR_11  |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.98          | 0.98           | 1.00           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.99           | 0.98          | 0.98           | 1.00           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.99           | 0.98          | 0.98           | 1.00           |           |           |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |             |         |           |         |          |          |      |      |
|----------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 133 MTCH_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.96    | 0.97      | 0.98    | 0.99     | 0.99     | 1.00 | 1.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.96    | 0.97      | 0.98    | 0.99     | 0.99     | 1.00 | 1.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.96    | 0.97      | 0.98    | 0.99     | 0.99     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS         | 133 MTCH_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     |      |      |
| SEASONAL PROFILE SEASONS         | 134 MTCH_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.96    | 0.98      | 0.99    | 0.99     | 0.99     | 0.99 | 0.99 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.96    | 0.98      | 0.99    | 0.99     | 0.99     | 0.99 | 0.99 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.96    | 0.98      | 0.99    | 0.99     | 0.99     | 0.99 | 0.99 |
| SEASONAL PROFILE SEASONS         | 134 MTCH_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS         | 136 MNTR_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.99    | 0.98     | 0.97     | 0.96 | 0.95 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.99    | 0.98     | 0.97     | 0.96 | 0.95 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.99    | 0.98     | 0.97     | 0.96 | 0.95 |
| SEASONAL PROFILE SEASONS         | 136 MNTR_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.94    | 0.92      | 0.89    | 0.88     | 0.87     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.94    | 0.92      | 0.89    | 0.88     | 0.87     |      |      |

## 1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.92    | 0.89      | 0.88    | 0.87     |          |      |
| SEASONAL PROFILE SEASONS | 137 MNTR_12 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.95    | 0.95      | 0.95    | 0.95     | 0.95     | 0.96 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.95    | 0.95      | 0.95    | 0.95     | 0.95     | 0.96 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.95    | 0.95      | 0.95    | 0.95     | 0.95     | 0.96 |
| SEASONAL PROFILE SEASONS | 137 MNTR_12 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.95        | 0.94    | 0.92      | 0.91    | 0.93     |          |      |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.95        | 0.94    | 0.92      | 0.91    | 0.93     |          |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.95        | 0.94    | 0.92      | 0.91    | 0.93     |          |      |
| SEASONAL PROFILE SEASONS | 139 MSKR_11 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 0.98      | 0.98    | 0.98     | 0.98     | 0.99 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 0.98      | 0.98    | 0.98     | 0.98     | 0.99 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99    | 0.98      | 0.98    | 0.98     | 0.98     | 0.99 |
| SEASONAL PROFILE SEASONS | 139 MSKR_11 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.98      | 0.98    | 0.97     |          |      |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.98      | 0.98    | 0.97     |          |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.98      | 0.98    | 0.97     |          |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 140 MSKR_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.98      | 0.97    | 0.97     | 0.96     | 0.96 |      |
| 2 WKNIGHT                |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.98      | 0.97    | 0.97     | 0.96     | 0.96 |      |
| 3 WKEND                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.98      | 0.97    | 0.97     | 0.96     | 0.96 |      |
| SEASONAL PROFILE SEASONS | 140 MSKR_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |         |           |         |          |          |      |      |

1 A Input Summary.txt

|                          |             |             |            |             |             |        |        |
|--------------------------|-------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95        | 0.95        | 0.95       | 0.95        | 0.94        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95        | 0.95        | 0.95       | 0.95        | 0.94        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.95        | 0.95        | 0.95       | 0.95        | 0.94        |        |        |
| SEASONAL PROFILE SEASONS | 142 MR5_11  |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.93        | 0.96       | 0.97        | 0.98        | 0.98   | 0.99   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.93        | 0.96       | 0.97        | 0.98        | 0.98   | 0.99   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.93        | 0.96       | 0.97        | 0.98        | 0.98   | 0.99   |
| SEASONAL PROFILE SEASONS | 142 MR5_11  |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99        | 0.99       | 1.00        | 1.00        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99        | 0.99       | 1.00        | 1.00        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99        | 0.99       | 1.00        | 1.00        |        |        |
| SEASONAL PROFILE SEASONS | 143 MR5_12  |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.98       | 0.97        | 0.97        | 0.96   | 0.96   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.98       | 0.97        | 0.97        | 0.96   | 0.96   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.98       | 0.97        | 0.97        | 0.96   | 0.96   |
| SEASONAL PROFILE SEASONS | 143 MR5_12  |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.96        | 0.96        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.96        | 0.96        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.96        | 0.96        | 0.96       | 0.96        | 0.96        |        |        |
| SEASONAL PROFILE SEASONS | 145 PSPR_11 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.97        | 0.98        | 0.99       | 0.99        | 1.00        | 1.00   | 1.00   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.97        | 0.98        | 0.99       | 0.99        | 1.00        | 1.00   | 1.00   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.97        | 0.98        | 0.99       | 0.99        | 1.00        | 1.00   | 1.00   |
| SEASONAL PROFILE SEASONS | 145 PSPR_11 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00        | 0.99       | 0.98        | 0.98        |        |        |

1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 0.99      | 0.98    | 0.98     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 0.99      | 0.98    | 0.98     |          |      |
| SEASONAL PROFILE SEASONS | 146 PSPP_12 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98    | 0.97      | 0.96    | 0.95     | 0.95     | 0.94 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98    | 0.97      | 0.96    | 0.95     | 0.95     | 0.94 |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98    | 0.97      | 0.96    | 0.95     | 0.95     | 0.94 |
| SEASONAL PROFILE SEASONS | 146 PSPP_12 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.93    | 0.93     |          |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.93    | 0.93     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.93    | 0.93     |          |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 147         | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 147         | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 148 PCWY_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 148 PCWY_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             |         |           |         |          |          |      |      |

|                          |             | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|-------------|-----------------------|-----------|---------|----------|----------|------|
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.97                  | 0.96      | 0.96    | 0.96     | 0.95     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.97                  | 0.96      | 0.96    | 0.96     | 0.95     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.97                  | 0.96      | 0.96    | 0.96     | 0.95     |      |
| SEASONAL PROFILE SEASONS | 149 PCWY_12 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.99    | 0.99     | 0.99     | 0.97 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.99    | 0.99     | 0.99     | 0.97 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.99    | 0.99     | 0.99     | 0.97 |
| SEASONAL PROFILE SEASONS | 149 PCWY_12 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.90                  | 0.90      | 0.89    | 0.89     | 0.89     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.90                  | 0.90      | 0.89    | 0.89     | 0.89     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.90                  | 0.90      | 0.89    | 0.89     | 0.89     |      |
| SEASONAL PROFILE SEASONS | 151 ROCK_11 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 |
| SEASONAL PROFILE SEASONS | 151 ROCK_11 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.99                  | 0.98      | 0.97    | 0.97     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.99                  | 0.98      | 0.97    | 0.97     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.99                  | 0.98      | 0.97    | 0.97     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 152 ROCK_12 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.99    | 0.98     | 0.97     | 0.96 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.99    | 0.98     | 0.97     | 0.96 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99      | 0.99    | 0.98     | 0.97     | 0.96 |
| SEASONAL PROFILE SEASONS | 152 ROCK_12 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |



## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.93 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.93 | 0.94 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.93 | 0.94 |

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

154 STRT\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|   |                        |      |      |      |      |      |      |      |
|---|------------------------|------|------|------|------|------|------|------|
| 1 | WKDAY                  |      |      |      |      |      |      |      |
|   | SEASONAL PROFILE ENTRY | 0.93 | 0.95 | 0.96 | 0.97 | 0.98 | 0.98 | 0.99 |
| 2 | WKNIGHT                |      |      |      |      |      |      |      |
|   | SEASONAL PROFILE ENTRY | 0.93 | 0.95 | 0.96 | 0.97 | 0.98 | 0.98 | 0.99 |
| 3 | WKEND                  |      |      |      |      |      |      |      |
|   | SEASONAL PROFILE ENTRY | 0.93 | 0.95 | 0.96 | 0.97 | 0.98 | 0.98 | 0.99 |

SEASONAL PROFILE  
SEASONS

154 STRT\_11

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE  
SEASONS

155 STRT\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |         |      |      |      |      |      |      |
|------------------------|---------|------|------|------|------|------|------|
| 1                      | WKDAY   |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00    | 0.99 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
| 2                      | WKNIGHT |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00    | 0.99 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |
| 3                      | WKEND   |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00    | 0.99 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 |

SEASONAL PROFILE  
SEASONS

155 STRT\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 |

SEASONAL PROFILE  
SEASONS

157 TC123\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |         |      |      |      |      |      |      |
|------------------------|---------|------|------|------|------|------|------|
| 1                      | WKDAY   |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99    | 0.99 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 |
| 2                      | WKNIGHT |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99    | 0.99 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 |
| 3                      | WKEND   |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99    | 0.99 | 0.99 | 0.99 | 1.00 | 1.00 | 1.00 |

1 A Input Summary.txt

|                             |              |        |           |         |          |          |
|-----------------------------|--------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE<br>SEASONS | 157 TC123_11 | 8      | 9         | 10      | 11       | 12       |
|                             |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| SUBPERIODS                  |              |        |           |         |          |          |
| 1 WKDAY                     |              |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |              | 1.00   | 1.00      | 1.00    | 0.99     | 0.99     |
| 2 WKNIGHT                   |              |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |              | 1.00   | 1.00      | 1.00    | 0.99     | 0.99     |
| 3 WKEND                     |              |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |              | 1.00   | 1.00      | 1.00    | 0.99     | 0.99     |

|                             |              |         |          |       |       |      |      |      |
|-----------------------------|--------------|---------|----------|-------|-------|------|------|------|
| SEASONAL PROFILE<br>SEASONS | 158 TC123_12 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|                             |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS                  |              |         |          |       |       |      |      |      |
| 1 WKDAY                     |              |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |              | 0.99    | 0.99     | 0.99  | 0.99  | 1.00 | 1.00 | 1.00 |
| 2 WKNIGHT                   |              |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |              | 0.99    | 0.99     | 0.99  | 0.99  | 1.00 | 1.00 | 1.00 |
| 3 WKEND                     |              |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |              | 0.99    | 0.99     | 0.99  | 0.99  | 1.00 | 1.00 | 1.00 |

|                             |              |        |           |         |          |          |
|-----------------------------|--------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE<br>SEASONS | 158 TC123_12 | 8      | 9         | 10      | 11       | 12       |
|                             |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| SUBPERIODS                  |              |        |           |         |          |          |
| 1 WKDAY                     |              |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |              | 0.99   | 1.00      | 0.99    | 0.99     | 0.99     |
| 2 WKNIGHT                   |              |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |              | 0.99   | 1.00      | 0.99    | 0.99     | 0.99     |
| 3 WKEND                     |              |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |              | 0.99   | 1.00      | 0.99    | 0.99     | 0.99     |

|                             |            |         |          |       |       |      |      |      |
|-----------------------------|------------|---------|----------|-------|-------|------|------|------|
| SEASONAL PROFILE<br>SEASONS | 160 TC4_11 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|                             |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS                  |            |         |          |       |       |      |      |      |
| 1 WKDAY                     |            |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |            | 1.00    | 1.00     | 1.00  | 1.00  | 0.95 | 0.91 | 0.88 |
| 2 WKNIGHT                   |            |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |            | 1.00    | 1.00     | 1.00  | 1.00  | 0.95 | 0.91 | 0.88 |
| 3 WKEND                     |            |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |            | 1.00    | 1.00     | 1.00  | 1.00  | 0.95 | 0.91 | 0.88 |

|                             |            |        |           |         |          |          |
|-----------------------------|------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE<br>SEASONS | 160 TC4_11 | 8      | 9         | 10      | 11       | 12       |
|                             |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| SUBPERIODS                  |            |        |           |         |          |          |
| 1 WKDAY                     |            |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |            | 0.87   | 0.85      | 0.85    | 0.85     | 0.84     |
| 2 WKNIGHT                   |            |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |            | 0.87   | 0.85      | 0.85    | 0.85     | 0.84     |
| 3 WKEND                     |            |        |           |         |          |          |
| SEASONAL PROFILE ENTRY      |            | 0.87   | 0.85      | 0.85    | 0.85     | 0.84     |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

|                             |            |         |          |       |       |      |      |      |
|-----------------------------|------------|---------|----------|-------|-------|------|------|------|
| SEASONAL PROFILE<br>SEASONS | 161 TC4_12 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|                             |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS                  |            |         |          |       |       |      |      |      |
| 1 WKDAY                     |            |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |            | 1.00    | 0.99     | 0.99  | 0.98  | 0.97 | 0.97 | 0.97 |

1 A Input Summary.txt

|                          |            |           |         |          |          |      |      |
|--------------------------|------------|-----------|---------|----------|----------|------|------|
| 2                        | WKNIGHT    |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.99      | 0.99    | 0.98     | 0.97     | 0.97 | 0.97 |
| 3                        | WKEND      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.99      | 0.99    | 0.98     | 0.97     | 0.97 | 0.97 |
| SEASONAL PROFILE SEASONS | 161 TC4_12 |           |         |          |          |      |      |
|                          | 8          | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST     | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1                        | WKDAY      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96       | 0.96      | 0.96    | 0.96     | 0.97     |      |      |
| 2                        | WKNIGHT    |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96       | 0.96      | 0.96    | 0.96     | 0.97     |      |      |
| 3                        | WKEND      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96       | 0.96      | 0.96    | 0.96     | 0.97     |      |      |
| SEASONAL PROFILE SEASONS | 163 ZMR_11 |           |         |          |          |      |      |
|                          | 1          | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY    | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1                        | WKDAY      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.92      | 0.94    | 0.95     | 0.96     | 0.97 | 0.98 |
| 2                        | WKNIGHT    |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.92      | 0.94    | 0.95     | 0.96     | 0.97 | 0.98 |
| 3                        | WKEND      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.92      | 0.94    | 0.95     | 0.96     | 0.97 | 0.98 |
| SEASONAL PROFILE SEASONS | 163 ZMR_11 |           |         |          |          |      |      |
|                          | 8          | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST     | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1                        | WKDAY      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98       | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| 2                        | WKNIGHT    |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98       | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| 3                        | WKEND      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98       | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 164 ZMR_12 |           |         |          |          |      |      |
|                          | 1          | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY    | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1                        | WKDAY      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.99      | 0.98    | 0.98     | 0.98     | 0.98 | 0.98 |
| 2                        | WKNIGHT    |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.99      | 0.98    | 0.98     | 0.98     | 0.98 | 0.98 |
| 3                        | WKEND      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.99      | 0.98    | 0.98     | 0.98     | 0.98 | 0.98 |
| SEASONAL PROFILE SEASONS | 164 ZMR_12 |           |         |          |          |      |      |
|                          | 8          | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST     | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1                        | WKDAY      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98       | 0.98      | 0.98    | 0.98     | 0.98     |      |      |
| 2                        | WKNIGHT    |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98       | 0.98      | 0.98    | 0.98     | 0.98     |      |      |
| 3                        | WKEND      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98       | 0.98      | 0.98    | 0.98     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS | 166 CER_11 |           |         |          |          |      |      |
|                          | 1          | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY    | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1                        | WKDAY      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99       | 0.99      | 0.97    | 0.89     | 0.88     | 0.89 | 0.90 |
| 2                        | WKNIGHT    |           |         |          |          |      |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 0.99 | 1 A Input Summary.txt |      | 0.89 | 0.88 | 0.89 | 0.90 |
|                        |      | 0.99                  | 0.97 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99                  | 0.97 | 0.89 | 0.88 | 0.89 | 0.90 |

|                          |            |        |           |         |          |          |  |
|--------------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 166 CER_11 | 8      | 9         | 10      | 11       | 12       |  |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.91 | 0.93 | 0.96 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.91 | 0.93 | 0.96 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.91 | 0.91 | 0.93 | 0.96 | 1.00 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 168 DARB_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.97 | 0.95 | 0.89 | 0.88 | 0.90 | 0.91 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.97 | 0.95 | 0.89 | 0.88 | 0.90 | 0.91 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.97 | 0.95 | 0.89 | 0.88 | 0.90 | 0.91 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 168 DARB_11 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.92 | 0.93 | 0.96 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.92 | 0.93 | 0.96 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.92 | 0.93 | 0.96 | 1.00 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 170 WATR_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.95 | 0.92 | 0.78 | 0.78 | 0.79 | 0.79 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.95 | 0.92 | 0.78 | 0.78 | 0.79 | 0.79 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.95 | 0.95 | 0.92 | 0.78 | 0.78 | 0.79 | 0.79 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 170 WATR_11 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.81 | 0.82 | 0.97 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.81 | 0.82 | 0.97 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.81 | 0.82 | 0.97 | 1.00 |  |  |

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 171 CDW_12 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.87 | 0.86 | 0.87 | 0.88 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.87 | 0.86 | 0.87 | 0.88 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.87 | 0.86 | 0.87 | 0.88 |

SEASONAL PROFILE  
SEASONS

171 CDW\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.90 | 0.91 | 0.95 | 0.99 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.90 | 0.91 | 0.95 | 0.99 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.90 | 0.91 | 0.95 | 0.99 |  |  |

SEASONAL PROFILE  
SEASONS

172 CDW\_13

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.86 | 0.85 | 0.83 | 0.80 | 0.80 | 0.83 | 0.86 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.86 | 0.85 | 0.83 | 0.80 | 0.80 | 0.83 | 0.86 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.86 | 0.85 | 0.83 | 0.80 | 0.80 | 0.83 | 0.86 |

SEASONAL PROFILE  
SEASONS

172 CDW\_13

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.87 | 0.88 | 0.90 | 0.97 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.87 | 0.88 | 0.90 | 0.97 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.87 | 0.88 | 0.90 | 0.97 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

173 CDW\_14

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.87 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.87 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.87 | 0.88 | 0.89 |

SEASONAL PROFILE  
SEASONS

173 CDW\_14

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

SEASONAL PROFILE  
SEASONS

174 CDW\_15

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |

SEASONAL PROFILE SEASONS 174 CDW\_15

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |            |         |          |       |       |     |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE SEASONS | 175 CDW_16 |         |          |       |       |     |      |
|                          |            | 1       | 2        | 3     | 4     | 5   | 6    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                          |            |         |          |       |       |     | 7    |
|                          |            |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |

SEASONAL PROFILE SEASONS 175 CDW\_16

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

SEASONAL PROFILE SEASONS 176 CDW\_17

|  |         |          |       |       |     |      |      |
|--|---------|----------|-------|-------|-----|------|------|
|  | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|  | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |

SEASONAL PROFILE SEASONS 176 CDW\_17

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

## 1 A Input Summary.txt

| SEASONAL PROFILE<br>SEASONS | 177 CDW_18 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|-----------------------------|------------|---------|----------|-------|-------|------|------|------|
|                             |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS                  |            |         |          |       |       |      |      |      |
| 1 WKDAY                     |            |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |            | 1.00    | 0.98     | 0.93  | 0.88  | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT                   |            |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |            | 1.00    | 0.98     | 0.93  | 0.88  | 0.86 | 0.87 | 0.89 |
| 3 WKEND                     |            |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |            | 1.00    | 0.98     | 0.93  | 0.88  | 0.86 | 0.87 | 0.89 |

| SEASONAL PROFILE<br>SEASONS | 177 CDW_18 | 8      | 9         | 10      | 11       | 12       |  |  |
|-----------------------------|------------|--------|-----------|---------|----------|----------|--|--|
|                             |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |
| SUBPERIODS                  |            |        |           |         |          |          |  |  |
| 1 WKDAY                     |            |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |            | 0.89   | 0.88      | 0.89    | 0.94     | 0.98     |  |  |
| 2 WKNIGHT                   |            |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |            | 0.89   | 0.88      | 0.89    | 0.94     | 0.98     |  |  |
| 3 WKEND                     |            |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |            | 0.89   | 0.88      | 0.89    | 0.94     | 0.98     |  |  |

| SEASONAL PROFILE<br>SEASONS | 178 DRES_09 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|-----------------------------|-------------|---------|----------|-------|-------|------|------|------|
|                             |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS                  |             |         |          |       |       |      |      |      |
| 1 WKDAY                     |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.85    | 0.85     | 0.85  | 0.83  | 0.84 | 0.85 | 0.87 |
| 2 WKNIGHT                   |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.85    | 0.85     | 0.85  | 0.83  | 0.84 | 0.85 | 0.87 |
| 3 WKEND                     |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.85    | 0.85     | 0.85  | 0.83  | 0.84 | 0.85 | 0.87 |

| SEASONAL PROFILE<br>SEASONS | 178 DRES_09 | 8      | 9         | 10      | 11       | 12       |  |  |
|-----------------------------|-------------|--------|-----------|---------|----------|----------|--|--|
|                             |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |
| SUBPERIODS                  |             |        |           |         |          |          |  |  |
| 1 WKDAY                     |             |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |             | 0.88   | 0.88      | 0.90    | 0.95     | 1.00     |  |  |
| 2 WKNIGHT                   |             |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |             | 0.88   | 0.88      | 0.90    | 0.95     | 1.00     |  |  |
| 3 WKEND                     |             |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |             | 0.88   | 0.88      | 0.90    | 0.95     | 1.00     |  |  |

| SEASONAL PROFILE<br>SEASONS | 179 DRES_13 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|-----------------------------|-------------|---------|----------|-------|-------|------|------|------|
|                             |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS                  |             |         |          |       |       |      |      |      |
| 1 WKDAY                     |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.87    | 0.87     | 0.82  | 0.78  | 0.78 | 0.81 | 0.84 |
| 2 WKNIGHT                   |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.87    | 0.87     | 0.82  | 0.78  | 0.78 | 0.81 | 0.84 |
| 3 WKEND                     |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY      |             | 0.87    | 0.87     | 0.82  | 0.78  | 0.78 | 0.81 | 0.84 |

| SEASONAL PROFILE<br>SEASONS | 179 DRES_13 | 8      | 9         | 10      | 11       | 12       |  |  |
|-----------------------------|-------------|--------|-----------|---------|----------|----------|--|--|
|                             |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |
| SUBPERIODS                  |             |        |           |         |          |          |  |  |
| 1 WKDAY                     |             |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |             | 0.85   | 0.85      | 0.88    | 0.97     | 1.00     |  |  |
| 2 WKNIGHT                   |             |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |             | 0.85   | 0.85      | 0.88    | 0.97     | 1.00     |  |  |
| 3 WKEND                     |             |        |           |         |          |          |  |  |
| SEASONAL PROFILE ENTRY      |             | 0.85   | 0.85      | 0.88    | 0.97     | 1.00     |  |  |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |             |         |           |         |          |          |      |      |
|----------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 180 DRES_14 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| SEASONAL PROFILE SEASONS         | 180 DRES_14 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |
| SEASONAL PROFILE SEASONS         | 181 DRES_15 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| SEASONAL PROFILE SEASONS         | 181 DRES_15 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |
| SEASONAL PROFILE SEASONS         | 182 DRES_16 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| SEASONAL PROFILE SEASONS         | 182 DRES_16 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |      |



1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.86        | 0.85    | 0.86      | 0.93    | 0.96     |          |      |
| SEASONAL PROFILE SEASONS | 183 DRES_17 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 |
| SEASONAL PROFILE SEASONS | 183 DRES_17 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |
| SEASONAL PROFILE SEASONS | 184 DRES_18 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 |
| SEASONAL PROFILE SEASONS | 184 DRES_18 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |
| 2 WK NIGHT               |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86    | 0.85      | 0.86    | 0.93     | 0.96     |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |         |           |         |          |          |      |      |
|--------------------------|--------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 185 DRES_161 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1 WKDAY                  |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 2 WK NIGHT               |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| 3 WKEND                  |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 0.98      | 0.90    | 0.85     | 0.83     | 0.85 | 0.86 |
| SEASONAL PROFILE SEASONS | 185 DRES_161 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |         |           |         |          |          |      |      |

## 1 A Input Summary.txt

|                          |             |             |            |             |             |        |        |
|--------------------------|-------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.86        | 0.85        | 0.86       | 0.93        | 0.96        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.86        | 0.85        | 0.86       | 0.93        | 0.96        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.86        | 0.85        | 0.86       | 0.93        | 0.96        |        |        |
| SEASONAL PROFILE SEASONS | 186 DRES_20 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.90       | 0.85        | 0.84        | 0.85   | 0.86   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.90       | 0.85        | 0.84        | 0.85   | 0.86   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.90       | 0.85        | 0.84        | 0.85   | 0.86   |
| SEASONAL PROFILE SEASONS | 186 DRES_20 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.86        | 0.85        | 0.87       | 0.93        | 0.96        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.86        | 0.85        | 0.87       | 0.93        | 0.96        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.86        | 0.85        | 0.87       | 0.93        | 0.96        |        |        |
| SEASONAL PROFILE SEASONS | 187 DRES_18 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.91       | 0.87        | 0.85        | 0.86   | 0.88   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.91       | 0.87        | 0.85        | 0.86   | 0.88   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.98        | 0.91       | 0.87        | 0.85        | 0.86   | 0.88   |
| SEASONAL PROFILE SEASONS | 187 DRES_18 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87        | 0.88       | 0.94        | 0.97        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87        | 0.88       | 0.94        | 0.97        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87        | 0.88       | 0.94        | 0.97        |        |        |
| SEASONAL PROFILE SEASONS | 188 DRES_19 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.91       | 0.87        | 0.85        | 0.86   | 0.88   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.91       | 0.87        | 0.85        | 0.86   | 0.88   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.91       | 0.87        | 0.85        | 0.86   | 0.88   |
| SEASONAL PROFILE SEASONS | 188 DRES_19 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87        | 0.88       | 0.94        | 0.97        |        |        |

1 A Input Summary.txt

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87      | 0.88    | 0.94     | 0.97     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87      | 0.88    | 0.94     | 0.97     |      |      |
| SEASONAL PROFILE SEASONS | 189 DRES_20 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99      | 0.91    | 0.87     | 0.85     | 0.86 | 0.88 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99      | 0.91    | 0.87     | 0.85     | 0.86 | 0.88 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99      | 0.91    | 0.87     | 0.85     | 0.86 | 0.88 |
| SEASONAL PROFILE SEASONS | 189 DRES_20 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87      | 0.88    | 0.94     | 0.97     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87      | 0.88    | 0.94     | 0.97     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.88        | 0.87      | 0.88    | 0.94     | 0.97     |      |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 191 LWRG_11 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.96    | 0.85     | 0.84     | 0.85 | 0.86 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.96    | 0.85     | 0.84     | 0.85 | 0.86 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.99      | 0.96    | 0.85     | 0.84     | 0.85 | 0.86 |
| SEASONAL PROFILE SEASONS | 191 LWRG_11 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.87        | 0.87      | 0.88    | 0.97     | 1.00     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.87        | 0.87      | 0.88    | 0.97     | 1.00     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.87        | 0.87      | 0.88    | 0.97     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 192 LWRG_12 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 0.97    | 0.84     | 0.84     | 0.85 | 0.86 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 0.97    | 0.84     | 0.84     | 0.85 | 0.86 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 0.97    | 0.84     | 0.84     | 0.85 | 0.86 |
| SEASONAL PROFILE SEASONS | 192 LWRG_12 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |

|                          |             | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|-------------|-----------------------|-----------|---------|----------|----------|------|
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86                  | 0.87      | 0.88    | 0.95     | 0.99     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86                  | 0.87      | 0.88    | 0.95     | 0.99     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.86                  | 0.87      | 0.88    | 0.95     | 0.99     |      |
| SEASONAL PROFILE SEASONS | 193 LWRG_13 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.85                  | 0.85      | 0.83    | 0.80     | 0.80     | 0.82 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.85                  | 0.85      | 0.83    | 0.80     | 0.80     | 0.82 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.85                  | 0.85      | 0.83    | 0.80     | 0.80     | 0.82 |
| SEASONAL PROFILE SEASONS | 193 LWRG_13 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.87                  | 0.87      | 0.90    | 0.97     | 1.00     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.87                  | 0.87      | 0.90    | 0.97     | 1.00     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.87                  | 0.87      | 0.90    | 0.97     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 194 LWRG_14 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 |
| SEASONAL PROFILE SEASONS | 194 LWRG_14 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.89                  | 0.88      | 0.89    | 0.94     | 0.98     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.89                  | 0.88      | 0.89    | 0.94     | 0.98     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.89                  | 0.88      | 0.89    | 0.94     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 195 LWRG_15 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 |
| SEASONAL PROFILE SEASONS | 195 LWRG_15 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

196 LWRG\_16

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |

SEASONAL PROFILE  
SEASONS

196 LWRG\_16

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 |

SEASONAL PROFILE  
SEASONS

197 LWRG\_17

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |

SEASONAL PROFILE  
SEASONS

197 LWRG\_17

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 |

SEASONAL PROFILE  
SEASONS

198 LWRG\_18

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 |

1 A Input Summary.txt

|                                                                                                                                                        |             |         |           |         |          |          |      |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE<br>SEASONS                                                                                                                            | 198 LWRG_18 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                                                        |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                                             |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                                                    |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| SEASONAL PROFILE<br>SEASONS                                                                                                                            | 199 LWRG_19 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                                                        |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                                             |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 | 0.89 |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                                                    |             | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 | 0.89 |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 | 0.89 |
| SEASONAL PROFILE<br>SEASONS                                                                                                                            | 199 LWRG_19 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                                                        |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                                             |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                                                    |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| SEASONAL PROFILE<br>SEASONS                                                                                                                            | 200 LWRG_20 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                                                        |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                                             |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 | 0.89 |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                                                    |             | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 | 0.89 |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87 | 0.89 |
| SEASONAL PROFILE<br>SEASONS                                                                                                                            | 200 LWRG_20 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                                                        |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                                             |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY                                                                                                                    |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| <div> <div>02/12/13 08:26:36 V04.0 R03.0</div> <div> <div>NewEnergy Associates</div> <div>Strategist</div> <div>Page</div> <div>88</div> </div> </div> |             |         |           |         |          |          |      |      |
| <div> <div>AEP EAST</div> <div>GENERATION AND FUEL MODULE</div> <div>INPUT SUMMARY REPORT</div> <div>QUALIFIER = GAF.INPUT.PARAMETERS.</div> </div>    |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE<br>SEASONS                                                                                                                            | 201 LWRG_21 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                                                        |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                                             |             |         |           |         |          |          |      |      |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY                                                                                                                      |             | 1.00    | 0.98      | 0.93    | 0.89     | 0.88     | 0.89 | 0.90 |

1 A Input Summary.txt

|                          |              |           |         |          |          |      |      |
|--------------------------|--------------|-----------|---------|----------|----------|------|------|
| 2 WKNIGHT                |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 0.98      | 0.93    | 0.89     | 0.88     | 0.89 | 0.90 |
| 3 WKEND                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 0.98      | 0.93    | 0.89     | 0.88     | 0.89 | 0.90 |
| SEASONAL PROFILE SEASONS | 201 LWRG_21  |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1 WKDAY                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.90         | 0.89      | 0.90    | 0.95     | 0.98     |      |      |
| 2 WKNIGHT                |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.90         | 0.89      | 0.90    | 0.95     | 0.98     |      |      |
| 3 WKEND                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.90         | 0.89      | 0.90    | 0.95     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS | 203 RMONE_11 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1 WKDAY                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99      | 0.96    | 0.89     | 0.88     | 0.89 | 0.90 |
| 2 WKNIGHT                |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99      | 0.96    | 0.89     | 0.88     | 0.89 | 0.90 |
| 3 WKEND                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99      | 0.96    | 0.89     | 0.88     | 0.89 | 0.90 |
| SEASONAL PROFILE SEASONS | 203 RMONE_11 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1 WKDAY                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.91         | 0.91      | 0.93    | 0.96     | 1.00     |      |      |
| 2 WKNIGHT                |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.91         | 0.91      | 0.93    | 0.96     | 1.00     |      |      |
| 3 WKEND                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.91         | 0.91      | 0.93    | 0.96     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 204 RMONE_12 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1 WKDAY                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 0.97    | 0.89     | 0.88     | 0.89 | 0.90 |
| 2 WKNIGHT                |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 0.97    | 0.89     | 0.88     | 0.89 | 0.90 |
| 3 WKEND                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 0.97    | 0.89     | 0.88     | 0.89 | 0.90 |
| SEASONAL PROFILE SEASONS | 204 RMONE_12 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1 WKDAY                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.91         | 0.91      | 0.92    | 0.95     | 0.99     |      |      |
| 2 WKNIGHT                |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.91         | 0.91      | 0.92    | 0.95     | 0.99     |      |      |
| 3 WKEND                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.91         | 0.91      | 0.92    | 0.95     | 0.99     |      |      |
| SEASONAL PROFILE SEASONS | 205 RMONE_13 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1 WKDAY                  |              |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.85         | 0.85      | 0.83    | 0.80     | 0.80     | 0.82 | 0.86 |
| 2 WKNIGHT                |              |           |         |          |          |      |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 0.85 | 1 A Input Summary.txt |      | 0.80 | 0.80 | 0.82 | 0.86 |
|                        |      | 0.85                  | 0.83 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.85 | 0.85                  | 0.83 | 0.80 | 0.80 | 0.82 | 0.86 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 205 RMONE_13 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.87 | 0.87 | 0.90 | 0.97 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.87 | 0.87 | 0.90 | 0.97 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.87 | 0.87 | 0.90 | 0.97 | 1.00 |  |  |

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 206 RMONE_14 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 206 RMONE_14 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

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NewEnergy Associates  
Strategist Page 89

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 207 RMONE_15 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 207 RMONE_15 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 208 RMONE_16 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |



## 1 A Input Summary.txt

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

SEASONAL PROFILE  
SEASONS

208 RMONE\_16

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

SEASONAL PROFILE  
SEASONS

209 RMONE\_17

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

SEASONAL PROFILE  
SEASONS

209 RMONE\_17

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

SEASONAL PROFILE  
SEASONS

210 RMONE\_18

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

SEASONAL PROFILE  
SEASONS

210 RMONE\_18

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

SEASONAL PROFILE  
SEASONS

211 RMONE\_19

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

|                  |              |        |           |         |          |          |  |
|------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 211 RMONE_19 |        |           |         |          |          |  |
| SEASONS          |              | 8      | 9         | 10      | 11       | 12       |  |
|                  |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                  |              |         |          |       |       |     |      |
|------------------|--------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 212 RMONE_20 |         |          |       |       |     |      |
| SEASONS          |              | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |              |         |          |       |       |     | 7    |
|                  |              |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

|                  |              |        |           |         |          |          |  |
|------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 212 RMONE_20 |        |           |         |          |          |  |
| SEASONS          |              | 8      | 9         | 10      | 11       | 12       |  |
|                  |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

|                  |              |         |          |       |       |     |      |
|------------------|--------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 213 RMONE_21 |         |          |       |       |     |      |
| SEASONS          |              | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |              |         |          |       |       |     | 7    |
|                  |              |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.89 | 0.88 | 0.89 | 0.90 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.89 | 0.88 | 0.89 | 0.90 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.89 | 0.88 | 0.89 | 0.90 |

|                  |              |        |           |         |          |          |  |
|------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 213 RMONE_21 |        |           |         |          |          |  |
| SEASONS          |              | 8      | 9         | 10      | 11       | 12       |  |
|                  |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.90 | 0.89 | 0.90 | 0.95 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.90 | 0.89 | 0.90 | 0.95 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.90 | 0.89 | 0.90 | 0.95 | 0.98 |  |  |

## 1 A Input Summary.txt

| SEASONAL PROFILE<br>SEASONS         | 215 DOMI_11  |                |               |                |                |           |           |
|-------------------------------------|--------------|----------------|---------------|----------------|----------------|-----------|-----------|
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.98           | 0.94          | 0.89           | 0.88           | 0.88      | 0.89      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.98           | 0.94          | 0.89           | 0.88           | 0.88      | 0.89      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.98           | 0.94          | 0.89           | 0.88           | 0.88      | 0.89      |
| SEASONAL PROFILE<br>SEASONS         | 215 DOMI_11  |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.89         | 0.88           | 0.89          | 0.94           | 0.96           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.89         | 0.88           | 0.89          | 0.94           | 0.96           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.89         | 0.88           | 0.89          | 0.94           | 0.96           |           |           |
| SEASONAL PROFILE<br>SEASONS         | 216 DOMI_12  |                |               |                |                |           |           |
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.98           | 0.94          | 0.88           | 0.87           | 0.87      | 0.89      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.98           | 0.94          | 0.88           | 0.87           | 0.87      | 0.89      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.98           | 0.94          | 0.88           | 0.87           | 0.87      | 0.89      |
| SEASONAL PROFILE<br>SEASONS         | 216 DOMI_12  |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.89         | 0.88           | 0.89          | 0.93           | 0.95           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.89         | 0.88           | 0.89          | 0.93           | 0.95           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.89         | 0.88           | 0.89          | 0.93           | 0.95           |           |           |
| SEASONAL PROFILE<br>SEASONS         | 217 DOMI_13  |                |               |                |                |           |           |
|                                     | 1<br>JANUARY | 2<br>FEBRUARY  | 3<br>MARCH    | 4<br>APRIL     | 5<br>MAY       | 6<br>JUNE | 7<br>JULY |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.98           | 0.93          | 0.88           | 0.87           | 0.88      | 0.89      |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 1.00         | 0.98           | 0.93          | 0.88           | 0.87           | 0.88      | 0.89      |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 1.00         | 0.98           | 0.93          | 0.88           | 0.87           | 0.88      | 0.89      |
| SEASONAL PROFILE<br>SEASONS         | 217 DOMI_13  |                |               |                |                |           |           |
|                                     | 8<br>AUGUST  | 9<br>SEPTEMBER | 10<br>OCTOBER | 11<br>NOVEMBER | 12<br>DECEMBER |           |           |
| SUBPERIODS                          |              |                |               |                |                |           |           |
| 1 WKDAY<br>SEASONAL PROFILE ENTRY   | 0.89         | 0.88           | 0.89          | 0.93           | 0.96           |           |           |
| 2 WKNIGHT<br>SEASONAL PROFILE ENTRY | 0.89         | 0.88           | 0.89          | 0.93           | 0.96           |           |           |
| 3 WKEND<br>SEASONAL PROFILE ENTRY   | 0.89         | 0.88           | 0.89          | 0.93           | 0.96           |           |           |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |             |         |           |         |          |          |      |      |
|----------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 218 DOMI_14 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.95    | 0.90     | 0.89     | 0.89 | 0.91 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.98      | 0.95    | 0.90     | 0.89     | 0.89 | 0.91 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.98      | 0.95    | 0.90     | 0.89     | 0.89 | 0.91 |
| SEASONAL PROFILE SEASONS         | 218 DOMI_14 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.91    | 0.90      | 0.91    | 0.94     | 0.97     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.91    | 0.90      | 0.91    | 0.94     | 0.97     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.91    | 0.90      | 0.91    | 0.94     | 0.97     |      |      |
| SEASONAL PROFILE SEASONS         | 219 DOMI_15 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.95    | 0.91     | 0.89     | 0.90 | 0.91 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.95    | 0.91     | 0.89     | 0.90 | 0.91 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.95    | 0.91     | 0.89     | 0.90 | 0.91 |
| SEASONAL PROFILE SEASONS         | 219 DOMI_15 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.91    | 0.90      | 0.91    | 0.95     | 0.97     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.91    | 0.90      | 0.91    | 0.95     | 0.97     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.91    | 0.90      | 0.91    | 0.95     | 0.97     |      |      |
| SEASONAL PROFILE SEASONS         | 220 DOMI_16 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.95    | 0.91     | 0.90     | 0.90 | 0.92 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.99      | 0.95    | 0.91     | 0.90     | 0.90 | 0.92 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.95    | 0.91     | 0.90     | 0.90 | 0.92 |
| SEASONAL PROFILE SEASONS         | 220 DOMI_16 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.92    | 0.91      | 0.92    | 0.95     | 0.97     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.92    | 0.91      | 0.92    | 0.95     | 0.97     |      |      |

1 A Input Summary.txt

| 3 WKEND                  |      |             |         |           |         |          |          |      |      |
|--------------------------|------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE ENTRY   | 0.92 | 0.91        | 0.92    | 0.95      | 0.97    |          |          |      |      |
| SEASONAL PROFILE SEASONS |      | 221 DOMI_17 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |      |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |      |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.91      | 0.90    | 0.90     | 0.92     |      |      |
| 2 WKNIGHT                |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.91      | 0.90    | 0.90     | 0.92     |      |      |
| 3 WKEND                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.91      | 0.90    | 0.90     | 0.92     |      |      |
| SEASONAL PROFILE SEASONS |      | 221 DOMI_17 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |      |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |      |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.92 | 0.91        | 0.92    | 0.95      | 0.97    |          |          |      |      |
| 2 WKNIGHT                |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.92 | 0.91        | 0.92    | 0.95      | 0.97    |          |          |      |      |
| 3 WKEND                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.92 | 0.91        | 0.92    | 0.95      | 0.97    |          |          |      |      |
| SEASONAL PROFILE SEASONS |      | 222 DOMI_18 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |      |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |      |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.92      | 0.91    | 0.91     | 0.92     |      |      |
| 2 WKNIGHT                |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.92      | 0.91    | 0.91     | 0.92     |      |      |
| 3 WKEND                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.92      | 0.91    | 0.91     | 0.92     |      |      |
| SEASONAL PROFILE SEASONS |      | 222 DOMI_18 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |      |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |      |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.92 | 0.91        | 0.92    | 0.95      | 0.97    |          |          |      |      |
| 2 WKNIGHT                |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.92 | 0.91        | 0.92    | 0.95      | 0.97    |          |          |      |      |
| 3 WKEND                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.92 | 0.91        | 0.92    | 0.95      | 0.97    |          |          |      |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONAL PROFILE SEASONS |      | 223 DOMI_19 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|--------------------------|------|-------------|---------|-----------|---------|----------|----------|------|------|
|                          |      |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |      |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.92      | 0.91    | 0.91     | 0.92     |      |      |
| 2 WKNIGHT                |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.92      | 0.91    | 0.91     | 0.92     |      |      |
| 3 WKEND                  |      |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00 | 0.99        | 0.95    | 0.92      | 0.91    | 0.91     | 0.92     |      |      |
| SEASONAL PROFILE SEASONS |      | 223 DOMI_19 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |      |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |      |             |         |           |         |          |          |      |      |

1 A Input Summary.txt

|                          |             |             |            |             |             |        |        |
|--------------------------|-------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.91        | 0.92       | 0.95        | 0.97        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.91        | 0.92       | 0.95        | 0.97        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.91        | 0.92       | 0.95        | 0.97        |        |        |
| SEASONAL PROFILE SEASONS | 224 DOMI_20 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.95       | 0.92        | 0.91        | 0.91   | 0.92   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.95       | 0.92        | 0.91        | 0.91   | 0.92   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.95       | 0.92        | 0.91        | 0.91   | 0.92   |
| SEASONAL PROFILE SEASONS | 224 DOMI_20 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.91        | 0.92       | 0.95        | 0.97        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.91        | 0.92       | 0.95        | 0.97        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.91        | 0.92       | 0.95        | 0.97        |        |        |
| SEASONAL PROFILE SEASONS | 225 DOMI_21 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.92        | 0.91        | 0.91   | 0.93   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.92        | 0.91        | 0.91   | 0.93   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.92        | 0.91        | 0.91   | 0.93   |
| SEASONAL PROFILE SEASONS | 225 DOMI_21 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.92        | 0.92       | 0.95        | 0.97        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.92        | 0.92       | 0.95        | 0.97        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.92        | 0.92        | 0.92       | 0.95        | 0.97        |        |        |
| SEASONAL PROFILE SEASONS | 226 DOMI_22 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.92        | 0.91        | 0.92   | 0.93   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.92        | 0.91        | 0.92   | 0.93   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99        | 0.96       | 0.92        | 0.91        | 0.92   | 0.93   |
| SEASONAL PROFILE SEASONS | 226 DOMI_22 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.93        | 0.92        | 0.93       | 0.96        | 0.97        |        |        |

1 A Input Summary.txt

|                               |             |         |           |         |          |                      |         |
|-------------------------------|-------------|---------|-----------|---------|----------|----------------------|---------|
| 2 WKNIGHT                     |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        | 0.93        | 0.92    | 0.93      | 0.96    | 0.97     |                      |         |
| 3 WKEND                       |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        | 0.93        | 0.92    | 0.93      | 0.96    | 0.97     |                      |         |
| SEASONAL PROFILE SEASONS      | 227 DOMI_23 | 1       | 2         | 3       | 4        | 5                    | 6       |
|                               |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY                  | JUNE    |
|                               |             |         |           |         |          |                      | 7       |
|                               |             |         |           |         |          |                      | JULY    |
| SUBPERIODS                    |             |         |           |         |          |                      |         |
| 1 WKDAY                       |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92                 | 0.92    |
| 2 WKNIGHT                     |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92                 | 0.92    |
| 3 WKEND                       |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92                 | 0.92    |
| SEASONAL PROFILE SEASONS      | 227 DOMI_23 | 8       | 9         | 10      | 11       | 12                   |         |
|                               |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER             |         |
| SUBPERIODS                    |             |         |           |         |          |                      |         |
| 1 WKDAY                       |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.97                 |         |
| 2 WKNIGHT                     |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.97                 |         |
| 3 WKEND                       |             |         |           |         |          |                      |         |
| SEASONAL PROFILE ENTRY        |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.97                 |         |
| 02/12/13 08:26:37 V04.0 R03.0 |             |         |           |         |          |                      |         |
|                               |             |         |           |         |          | NewEnergy Associates |         |
|                               |             |         |           |         |          | Strategist           | Page 93 |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| SEASONAL PROFILE SEASONS | 228 DOMI_24 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| SEASONAL PROFILE SEASONS | 228 DOMI_24 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.93    | 0.92      | 0.93    | 0.96     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 229 DOMI_25 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| 3 WKEND                  |             |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00    | 0.99      | 0.96    | 0.93     | 0.92     | 0.92 |
| SEASONAL PROFILE SEASONS | 229 DOMI_25 | 8       | 9         | 10      | 11       | 12       |      |

|                          |             | 1 A Input Summary.txt |             |            |             |             |        |
|--------------------------|-------------|-----------------------|-------------|------------|-------------|-------------|--------|
|                          |             | AUGUST                | SEPTEMBER   | OCTOBER    | NOVEMBER    | DECEMBER    |        |
| SUBPERIODS               |             |                       |             |            |             |             |        |
| 1 WKDAY                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93        | 0.93       | 0.96        | 0.98        |        |
| 2 WKNIGHT                |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93        | 0.93       | 0.96        | 0.98        |        |
| 3 WKEND                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93        | 0.93       | 0.96        | 0.98        |        |
| SEASONAL PROFILE SEASONS | 230 DOMI_26 |                       |             |            |             |             |        |
|                          |             | 1 JANUARY             | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE |
|                          |             |                       |             |            |             |             | 7 JULY |
| SUBPERIODS               |             |                       |             |            |             |             |        |
| 1 WKDAY                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.92        | 0.92   |
| 2 WKNIGHT                |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.92        | 0.92   |
| 3 WKEND                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.92        | 0.92   |
| SEASONAL PROFILE SEASONS | 230 DOMI_26 |                       |             |            |             |             |        |
|                          |             | 8 AUGUST              | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |
| SUBPERIODS               |             |                       |             |            |             |             |        |
| 1 WKDAY                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93        | 0.93       | 0.96        | 0.98        |        |
| 2 WKNIGHT                |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93        | 0.93       | 0.96        | 0.98        |        |
| 3 WKEND                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.93                  | 0.93        | 0.93       | 0.96        | 0.98        |        |
| SEASONAL PROFILE SEASONS | 231 DOMI_27 |                       |             |            |             |             |        |
|                          |             | 1 JANUARY             | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE |
|                          |             |                       |             |            |             |             | 7 JULY |
| SUBPERIODS               |             |                       |             |            |             |             |        |
| 1 WKDAY                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   |
| 2 WKNIGHT                |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   |
| 3 WKEND                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   |
| SEASONAL PROFILE SEASONS | 231 DOMI_27 |                       |             |            |             |             |        |
|                          |             | 8 AUGUST              | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |
| SUBPERIODS               |             |                       |             |            |             |             |        |
| 1 WKDAY                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93        | 0.94       | 0.96        | 0.98        |        |
| 2 WKNIGHT                |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93        | 0.94       | 0.96        | 0.98        |        |
| 3 WKEND                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.93        | 0.94       | 0.96        | 0.98        |        |
| SEASONAL PROFILE SEASONS | 232 DOMI_28 |                       |             |            |             |             |        |
|                          |             | 1 JANUARY             | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE |
|                          |             |                       |             |            |             |             | 7 JULY |
| SUBPERIODS               |             |                       |             |            |             |             |        |
| 1 WKDAY                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   |
| 2 WKNIGHT                |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   |
| 3 WKEND                  |             |                       |             |            |             |             |        |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.99        | 0.96       | 0.93        | 0.93        | 0.93   |
| SEASONAL PROFILE SEASONS | 232 DOMI_28 |                       |             |            |             |             |        |
|                          |             | 8 AUGUST              | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |



## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |

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INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

233 DOMI\_29

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |

SEASONAL PROFILE  
SEASONS

233 DOMI\_29

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |

SEASONAL PROFILE  
SEASONS

234 DOMI\_30

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |

SEASONAL PROFILE  
SEASONS

234 DOMI\_30

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.93 | 0.94 | 0.96 | 0.98 |

SEASONAL PROFILE  
SEASONS

235 DOMI\_31

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.94 | 0.93 | 0.93 |

1 A Input Summary.txt

| SEASONAL PROFILE SEASONS |         | 235 DOMI_31 | 8      | 9         | 10      | 11       | 12       |
|--------------------------|---------|-------------|--------|-----------|---------|----------|----------|
|                          |         |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| SUBPERIODS               |         |             |        |           |         |          |          |
| 1                        | WKDAY   |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |
| 2                        | WKNIGHT |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |
| 3                        | WKEND   |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |

| SEASONAL PROFILE SEASONS |         | 236 DOMI_32 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|--------------------------|---------|-------------|---------|----------|-------|-------|------|------|------|
|                          |         |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS               |         |             |         |          |       |       |      |      |      |
| 1                        | WKDAY   |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99     | 0.97  | 0.94  | 0.93 | 0.93 | 0.94 |
| 2                        | WKNIGHT |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99     | 0.97  | 0.94  | 0.93 | 0.93 | 0.94 |
| 3                        | WKEND   |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99     | 0.97  | 0.94  | 0.93 | 0.93 | 0.94 |

| SEASONAL PROFILE SEASONS |         | 236 DOMI_32 | 8      | 9         | 10      | 11       | 12       |
|--------------------------|---------|-------------|--------|-----------|---------|----------|----------|
|                          |         |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| SUBPERIODS               |         |             |        |           |         |          |          |
| 1                        | WKDAY   |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |
| 2                        | WKNIGHT |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |
| 3                        | WKEND   |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |

| SEASONAL PROFILE SEASONS |         | 237 DOMI_33 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|--------------------------|---------|-------------|---------|----------|-------|-------|------|------|------|
|                          |         |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS               |         |             |         |          |       |       |      |      |      |
| 1                        | WKDAY   |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99     | 0.97  | 0.94  | 0.93 | 0.93 | 0.94 |
| 2                        | WKNIGHT |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99     | 0.97  | 0.94  | 0.93 | 0.93 | 0.94 |
| 3                        | WKEND   |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.99     | 0.97  | 0.94  | 0.93 | 0.93 | 0.94 |

| SEASONAL PROFILE SEASONS |         | 237 DOMI_33 | 8      | 9         | 10      | 11       | 12       |
|--------------------------|---------|-------------|--------|-----------|---------|----------|----------|
|                          |         |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| SUBPERIODS               |         |             |        |           |         |          |          |
| 1                        | WKDAY   |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |
| 2                        | WKNIGHT |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |
| 3                        | WKEND   |             |        |           |         |          |          |
| SEASONAL PROFILE ENTRY   |         |             | 0.94   | 0.93      | 0.94    | 0.96     | 0.98     |

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

| SEASONAL PROFILE SEASONS |       | 238 DOMI_34 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|--------------------------|-------|-------------|---------|----------|-------|-------|------|------|------|
|                          |       |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS               |       |             |         |          |       |       |      |      |      |
| 1                        | WKDAY |             |         |          |       |       |      |      |      |
| SEASONAL PROFILE ENTRY   |       |             | 1.00    | 0.99     | 0.97  | 0.94  | 0.93 | 0.93 | 0.94 |

1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.93     | 0.93     | 0.94 |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.93     | 0.93     | 0.94 |
| SEASONAL PROFILE SEASONS | 238 DOMI_34 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| SEASONAL PROFILE SEASONS | 239 DOMI_35 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.93     | 0.94     | 0.94 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.93     | 0.94     | 0.94 |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.93     | 0.94     | 0.94 |
| SEASONAL PROFILE SEASONS | 239 DOMI_35 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| SEASONAL PROFILE SEASONS | 240 DOMI_36 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.94     | 0.94     | 0.95 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.94     | 0.94     | 0.95 |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.94     | 0.94     | 0.95 |
| SEASONAL PROFILE SEASONS | 240 DOMI_36 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.94    | 0.94      | 0.96    | 0.98     |          |      |
| SEASONAL PROFILE SEASONS | 241 DOMI_37 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.99    | 0.97      | 0.94    | 0.94     | 0.94     | 0.95 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 1.00 | 1 A Input Summary.txt |      | 0.94 | 0.94 | 0.94 | 0.95 |
|                        |      | 0.99                  | 0.97 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99                  | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 241 DOMI_37 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.96 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.96 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.96 | 0.98 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 242 DOMI_38 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 242 DOMI_38 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |

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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 243 DOMI_39 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 243 DOMI_39 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.94 | 0.97 | 0.98 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 244 DOMI_40 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.97 | 0.94 | 0.94 | 0.94 | 0.95 |

SEASONAL PROFILE  
SEASONS

244 DOMI\_40

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.95 | 0.97 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.95 | 0.97 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.95 | 0.97 | 0.98 |  |  |

SEASONAL PROFILE  
SEASONS

246 AM2\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |

SEASONAL PROFILE  
SEASONS

246 AM2\_11

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |  |  |

SEASONAL PROFILE  
SEASONS

248 CD1\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.84 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.84 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.84 |

SEASONAL PROFILE  
SEASONS

248 CD1\_11

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

250

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE SEASONS 250

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 252 COOK1_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |

SEASONAL PROFILE SEASONS 252 COOK1\_11

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |

SEASONAL PROFILE SEASONS 253 COOK1\_12

|  |         |          |       |       |     |      |      |
|--|---------|----------|-------|-------|-----|------|------|
|  | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|  | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |

SEASONAL PROFILE SEASONS 253 COOK1\_12

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.01 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.01 | 5.00 | 5.00 | 5.00 | 5.00 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.01 | 5.00 | 5.00 | 5.00 | 5.00 |

## 1 A Input Summary.txt

| SEASONAL PROFILE SEASONS |         | 254 COOK1_13 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|--------------------------|---------|--------------|---------|-----------|---------|----------|----------|------|------|
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 4.99      | 5.01    | 5.03     | 5.00     | 5.00 | 5.00 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 4.99      | 5.01    | 5.03     | 5.00     | 5.00 | 5.00 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 4.99      | 5.01    | 5.03     | 5.00     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS |         | 254 COOK1_13 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.01    | 5.01      | 5.00    | 5.00     | 5.00     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.01    | 5.01      | 5.00    | 5.00     | 5.00     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.01    | 5.01      | 5.00    | 5.00     | 5.00     |      |      |
| SEASONAL PROFILE SEASONS |         | 255 COOK1_14 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 4.99     | 5.00 | 5.00 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 4.99     | 5.00 | 5.00 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 4.99     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS |         | 255 COOK1_14 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| SEASONAL PROFILE SEASONS |         | 256 COOK1_15 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 4.99     | 5.00 | 5.00 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 4.99     | 5.00 | 5.00 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 4.99     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS |         | 256 COOK1_15 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |

1 A Input Summary.txt  
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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |     |          |         |           |         |          |          |      |      |
|----------------------------------|-----|----------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 257 | COOK1_16 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |     |          | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |     |          |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS         | 257 | COOK1_16 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |     |          | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |     |          |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| SEASONAL PROFILE SEASONS         | 258 | COOK1-17 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |     |          | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |     |          |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS         | 258 | COOK1-17 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |     |          | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |     |          |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| SEASONAL PROFILE SEASONS         | 259 | COOK1_18 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |     |          | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |     |          |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS         | 259 | COOK1_18 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |     |          | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |     |          |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |     |          | 5.00    | 4.99      | 5.00    | 5.00     | 5.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |     |          | 5.00    | 4.99      | 5.00    | 5.00     | 5.00     |      |      |



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| 3 WKEND                  |         | 260 COOK1_19 |         |          |          |      |      |  |
|--------------------------|---------|--------------|---------|----------|----------|------|------|--|
| SEASONAL PROFILE ENTRY   | 5.00    | 4.99         | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |  |
| SEASONAL PROFILE SEASONS | 1       | 2            | 3       | 4        | 5        | 6    | 7    |  |
|                          | JANUARY | FEBRUARY     | MARCH   | APRIL    | MAY      | JUNE | JULY |  |
| SUBPERIODS               |         |              |         |          |          |      |      |  |
| 1 WKDAY                  | 5.00    | 5.00         | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |  |
| 2 WKNIGHT                | 5.00    | 5.00         | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |  |
| 3 WKEND                  | 5.00    | 5.00         | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |  |
| SEASONAL PROFILE SEASONS |         | 261 COOK1_20 |         |          |          |      |      |  |
|                          | 8       | 9            | 10      | 11       | 12       |      |      |  |
|                          | AUGUST  | SEPTEMBER    | OCTOBER | NOVEMBER | DECEMBER |      |      |  |
| SUBPERIODS               |         |              |         |          |          |      |      |  |
| 1 WKDAY                  | 5.00    | 5.00         | 5.00    | 5.00     | 5.00     |      |      |  |
| 2 WKNIGHT                | 5.00    | 5.00         | 5.00    | 5.00     | 5.00     |      |      |  |
| 3 WKEND                  | 5.00    | 5.00         | 5.00    | 5.00     | 5.00     |      |      |  |

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INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

| 264 NOX 11               |         | 264 NOX 11 |         |          |          |        |        |  |
|--------------------------|---------|------------|---------|----------|----------|--------|--------|--|
| SEASONAL PROFILE SEASONS | 1       | 2          | 3       | 4        | 5        | 6      | 7      |  |
|                          | JANUARY | FEBRUARY   | MARCH   | APRIL    | MAY      | JUNE   | JULY   |  |
| SUBPERIODS               |         |            |         |          |          |        |        |  |
| 1 WKDAY                  | 485.00  | 485.00     | 485.00  | 485.00   | 530.00   | 530.00 | 530.00 |  |
| 2 WKNIGHT                | 485.00  | 485.00     | 485.00  | 485.00   | 530.00   | 530.00 | 530.00 |  |
| 3 WKEND                  | 485.00  | 485.00     | 485.00  | 485.00   | 530.00   | 530.00 | 530.00 |  |
| SEASONAL PROFILE SEASONS |         | 264 NOX 11 |         |          |          |        |        |  |
|                          | 8       | 9          | 10      | 11       | 12       |        |        |  |
|                          | AUGUST  | SEPTEMBER  | OCTOBER | NOVEMBER | DECEMBER |        |        |  |
| SUBPERIODS               |         |            |         |          |          |        |        |  |

1 A Input Summary.txt

|                          |            |             |            |             |             |         |         |
|--------------------------|------------|-------------|------------|-------------|-------------|---------|---------|
| 1 WKDAY                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 530.00     | 530.00      | 485.00     | 485.00      | 485.00      |         |         |
| 2 WKNIGHT                |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 530.00     | 530.00      | 485.00     | 485.00      | 485.00      |         |         |
| 3 WKEND                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 530.00     | 530.00      | 485.00     | 485.00      | 485.00      |         |         |
| SEASONAL PROFILE SEASONS | 265 NOX 12 |             |            |             |             |         |         |
|                          | 1 JANUARY  | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE  | 7 JULY  |
| SUBPERIODS               |            |             |            |             |             |         |         |
| 1 WKDAY                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 650.00     | 650.00      | 650.00     | 650.00      | 2050.00     | 2050.00 | 2050.00 |
| 2 WKNIGHT                |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 650.00     | 650.00      | 650.00     | 650.00      | 2050.00     | 2050.00 | 2050.00 |
| 3 WKEND                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 650.00     | 650.00      | 650.00     | 650.00      | 2050.00     | 2050.00 | 2050.00 |
| SEASONAL PROFILE SEASONS | 265 NOX 12 |             |            |             |             |         |         |
|                          | 8 AUGUST   | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |         |         |
| SUBPERIODS               |            |             |            |             |             |         |         |
| 1 WKDAY                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 2050.00    | 2050.00     | 650.00     | 650.00      | 650.00      |         |         |
| 2 WKNIGHT                |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 2050.00    | 2050.00     | 650.00     | 650.00      | 650.00      |         |         |
| 3 WKEND                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 2050.00    | 2050.00     | 650.00     | 650.00      | 650.00      |         |         |
| SEASONAL PROFILE SEASONS | 266 NOX 13 |             |            |             |             |         |         |
|                          | 1 JANUARY  | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE  | 7 JULY  |
| SUBPERIODS               |            |             |            |             |             |         |         |
| 1 WKDAY                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 550.00     | 550.00      | 550.00     | 550.00      | 1650.00     | 1650.00 | 1650.00 |
| 2 WKNIGHT                |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 550.00     | 550.00      | 550.00     | 550.00      | 1650.00     | 1650.00 | 1650.00 |
| 3 WKEND                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 550.00     | 550.00      | 550.00     | 550.00      | 1650.00     | 1650.00 | 1650.00 |
| SEASONAL PROFILE SEASONS | 266 NOX 13 |             |            |             |             |         |         |
|                          | 8 AUGUST   | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |         |         |
| SUBPERIODS               |            |             |            |             |             |         |         |
| 1 WKDAY                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 1650.00    | 1650.00     | 550.00     | 550.00      | 550.00      |         |         |
| 2 WKNIGHT                |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 1650.00    | 1650.00     | 550.00     | 550.00      | 550.00      |         |         |
| 3 WKEND                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 1650.00    | 1650.00     | 550.00     | 550.00      | 550.00      |         |         |
| SEASONAL PROFILE SEASONS | 267 NOX 14 |             |            |             |             |         |         |
|                          | 1 JANUARY  | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE  | 7 JULY  |
| SUBPERIODS               |            |             |            |             |             |         |         |
| 1 WKDAY                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 450.00     | 450.00      | 450.00     | 450.00      | 1250.00     | 1250.00 | 1250.00 |
| 2 WKNIGHT                |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 450.00     | 450.00      | 450.00     | 450.00      | 1250.00     | 1250.00 | 1250.00 |
| 3 WKEND                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 450.00     | 450.00      | 450.00     | 450.00      | 1250.00     | 1250.00 | 1250.00 |
| SEASONAL PROFILE SEASONS | 267 NOX 14 |             |            |             |             |         |         |
|                          | 8 AUGUST   | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |         |         |
| SUBPERIODS               |            |             |            |             |             |         |         |
| 1 WKDAY                  |            |             |            |             |             |         |         |
| SEASONAL PROFILE ENTRY   | 1250.00    | 1250.00     | 450.00     | 450.00      | 450.00      |         |         |

## 1 A Input Summary.txt

|                          |            |         |           |         |          |          |         |         |
|--------------------------|------------|---------|-----------|---------|----------|----------|---------|---------|
| 2                        | WKNIGHT    |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |
| 3                        | WKEND      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |
| SEASONAL PROFILE SEASONS | 268 NOX 15 | 1       | 2         | 3       | 4        | 5        | 6       | 7       |
|                          |            | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE    | JULY    |
| SUBPERIODS               |            |         |           |         |          |          |         |         |
| 1                        | WKDAY      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 450.00  | 450.00    | 450.00  | 450.00   | 1250.00  | 1250.00 | 1250.00 |
| 2                        | WKNIGHT    |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 450.00  | 450.00    | 450.00  | 450.00   | 1250.00  | 1250.00 | 1250.00 |
| 3                        | WKEND      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 450.00  | 450.00    | 450.00  | 450.00   | 1250.00  | 1250.00 | 1250.00 |
| SEASONAL PROFILE SEASONS | 268 NOX 15 | 8       | 9         | 10      | 11       | 12       |         |         |
|                          |            | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |         |         |
| SUBPERIODS               |            |         |           |         |          |          |         |         |
| 1                        | WKDAY      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |
| 2                        | WKNIGHT    |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |
| 3                        | WKEND      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |            |         |           |         |          |          |         |         |
|--------------------------|------------|---------|-----------|---------|----------|----------|---------|---------|
| SEASONAL PROFILE SEASONS | 269 NOX 16 | 1       | 2         | 3       | 4        | 5        | 6       | 7       |
|                          |            | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE    | JULY    |
| SUBPERIODS               |            |         |           |         |          |          |         |         |
| 1                        | WKDAY      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 450.00  | 450.00    | 450.00  | 450.00   | 1250.00  | 1250.00 | 1250.00 |
| 2                        | WKNIGHT    |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 450.00  | 450.00    | 450.00  | 450.00   | 1250.00  | 1250.00 | 1250.00 |
| 3                        | WKEND      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 450.00  | 450.00    | 450.00  | 450.00   | 1250.00  | 1250.00 | 1250.00 |
| SEASONAL PROFILE SEASONS | 269 NOX 16 | 8       | 9         | 10      | 11       | 12       |         |         |
|                          |            | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |         |         |
| SUBPERIODS               |            |         |           |         |          |          |         |         |
| 1                        | WKDAY      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |
| 2                        | WKNIGHT    |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |
| 3                        | WKEND      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 1250.00 | 1250.00   | 450.00  | 450.00   | 450.00   |         |         |
| SEASONAL PROFILE SEASONS | 270 NOX 17 | 1       | 2         | 3       | 4        | 5        | 6       | 7       |
|                          |            | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE    | JULY    |
| SUBPERIODS               |            |         |           |         |          |          |         |         |
| 1                        | WKDAY      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 250.00  | 250.00    | 250.00  | 250.00   | 900.00   | 900.00  | 900.00  |
| 2                        | WKNIGHT    |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 250.00  | 250.00    | 250.00  | 250.00   | 900.00   | 900.00  | 900.00  |
| 3                        | WKEND      |         |           |         |          |          |         |         |
| SEASONAL PROFILE ENTRY   |            | 250.00  | 250.00    | 250.00  | 250.00   | 900.00   | 900.00  | 900.00  |
| SEASONAL PROFILE SEASONS | 270 NOX 17 | 8       | 9         | 10      | 11       | 12       |         |         |

|                          |            | 1 A Input Summary.txt |           |         |          |          |        |
|--------------------------|------------|-----------------------|-----------|---------|----------|----------|--------|
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |        |
| SUBPERIODS               |            |                       |           |         |          |          |        |
| 1 WKDAY                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 900.00                | 900.00    | 250.00  | 250.00   | 250.00   |        |
| 2 WKNIGHT                |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 900.00                | 900.00    | 250.00  | 250.00   | 250.00   |        |
| 3 WKEND                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 900.00                | 900.00    | 250.00  | 250.00   | 250.00   |        |
| SEASONAL PROFILE SEASONS | 271 NOX 18 |                       |           |         |          |          |        |
|                          |            | 1                     | 2         | 3       | 4        | 5        | 6      |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE   |
|                          |            |                       |           |         |          |          | 7      |
|                          |            |                       |           |         |          |          | JULY   |
| SUBPERIODS               |            |                       |           |         |          |          |        |
| 1 WKDAY                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 125.00                | 125.00    | 125.00  | 125.00   | 375.00   | 375.00 |
| 2 WKNIGHT                |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 125.00                | 125.00    | 125.00  | 125.00   | 375.00   | 375.00 |
| 3 WKEND                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 125.00                | 125.00    | 125.00  | 125.00   | 375.00   | 375.00 |
| SEASONAL PROFILE SEASONS | 271 NOX 18 |                       |           |         |          |          |        |
|                          |            | 8                     | 9         | 10      | 11       | 12       |        |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |        |
| SUBPERIODS               |            |                       |           |         |          |          |        |
| 1 WKDAY                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 375.00                | 375.00    | 125.00  | 125.00   | 125.00   |        |
| 2 WKNIGHT                |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 375.00                | 375.00    | 125.00  | 125.00   | 125.00   |        |
| 3 WKEND                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 375.00                | 375.00    | 125.00  | 125.00   | 125.00   |        |
| SEASONAL PROFILE SEASONS | 272 NOX 19 |                       |           |         |          |          |        |
|                          |            | 1                     | 2         | 3       | 4        | 5        | 6      |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE   |
|                          |            |                       |           |         |          |          | 7      |
|                          |            |                       |           |         |          |          | JULY   |
| SUBPERIODS               |            |                       |           |         |          |          |        |
| 1 WKDAY                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 200.00                | 200.00    | 200.00  | 200.00   | 275.00   | 275.00 |
| 2 WKNIGHT                |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 200.00                | 200.00    | 200.00  | 200.00   | 275.00   | 275.00 |
| 3 WKEND                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 200.00                | 200.00    | 200.00  | 200.00   | 275.00   | 275.00 |
| SEASONAL PROFILE SEASONS | 272 NOX 19 |                       |           |         |          |          |        |
|                          |            | 8                     | 9         | 10      | 11       | 12       |        |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |        |
| SUBPERIODS               |            |                       |           |         |          |          |        |
| 1 WKDAY                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 275.00                | 275.00    | 200.00  | 200.00   | 200.00   |        |
| 2 WKNIGHT                |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 275.00                | 275.00    | 200.00  | 200.00   | 200.00   |        |
| 3 WKEND                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 275.00                | 275.00    | 200.00  | 200.00   | 200.00   |        |
| SEASONAL PROFILE SEASONS | 273 NOX 20 |                       |           |         |          |          |        |
|                          |            | 1                     | 2         | 3       | 4        | 5        | 6      |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE   |
|                          |            |                       |           |         |          |          | 7      |
|                          |            |                       |           |         |          |          | JULY   |
| SUBPERIODS               |            |                       |           |         |          |          |        |
| 1 WKDAY                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 0.00                  | 0.00      | 0.00    | 0.00     | 0.00     | 0.00   |
| 2 WKNIGHT                |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 0.00                  | 0.00      | 0.00    | 0.00     | 0.00     | 0.00   |
| 3 WKEND                  |            |                       |           |         |          |          |        |
| SEASONAL PROFILE ENTRY   |            | 0.00                  | 0.00      | 0.00    | 0.00     | 0.00     | 0.00   |
| SEASONAL PROFILE SEASONS | 273 NOX 20 |                       |           |         |          |          |        |
|                          |            | 8                     | 9         | 10      | 11       | 12       |        |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |        |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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NewEnergy Associates  
Strategist Page 101AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

274 BECK\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |

SEASONAL PROFILE  
SEASONS

274 BECK\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE  
SEASONS

275 BIGS\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.99 | 0.98 | 0.97 | 0.97 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.99 | 0.98 | 0.97 | 0.97 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.99 | 0.98 | 0.97 | 0.97 |

SEASONAL PROFILE  
SEASONS

275 BIGS\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.96 | 0.96 | 0.96 |

SEASONAL PROFILE  
SEASONS

277 COOK2\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.01 | 5.00 | 5.00 | 5.00 | 4.99 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.01 | 5.00 | 5.00 | 5.00 | 4.99 |

1 A Input Summary.txt

|                          |     |          |         |           |         |          |          |      |
|--------------------------|-----|----------|---------|-----------|---------|----------|----------|------|
| SEASONAL PROFILE SEASONS | 277 | COOK2_11 | 8       | 9         | 10      | 11       | 12       |      |
|                          |     |          | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |     |          |         |           |         |          |          |      |
| 1 WKDAY                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |
| 2 WKNIGHT                |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |
| 3 WKEND                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |
| SEASONAL PROFILE SEASONS | 278 | COOK2_12 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |     |          | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |     |          |         |           |         |          |          | 7    |
| 1 WKDAY                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 4.99 |
| 2 WKNIGHT                |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.02     | 5.00     | 4.99 |
| 3 WKEND                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.02     | 5.00     | 4.99 |
| SEASONAL PROFILE SEASONS | 278 | COOK2_12 | 8       | 9         | 10      | 11       | 12       |      |
|                          |     |          | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |     |          |         |           |         |          |          |      |
| 1 WKDAY                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |
| 2 WKNIGHT                |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |
| 3 WKEND                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |
| SEASONAL PROFILE SEASONS | 279 | COOK2_13 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |     |          | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |     |          |         |           |         |          |          | 7    |
| 1 WKDAY                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 |
| 2 WKNIGHT                |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.01      | 5.00    | 5.00     | 5.00     | 4.99 |
| 3 WKEND                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.01      | 5.00    | 5.00     | 5.00     | 4.99 |
| SEASONAL PROFILE SEASONS | 279 | COOK2_13 | 8       | 9         | 10      | 11       | 12       |      |
|                          |     |          | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |     |          |         |           |         |          |          |      |
| 1 WKDAY                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.00     | 5.00     |      |
| 2 WKNIGHT                |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.01     | 5.00     |      |
| 3 WKEND                  |     |          |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00      | 5.00    | 5.01     | 5.00     |      |

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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |     |          |         |          |       |       |      |      |
|--------------------------|-----|----------|---------|----------|-------|-------|------|------|
| SEASONAL PROFILE SEASONS | 280 | COOK2_14 | 1       | 2        | 3     | 4     | 5    | 6    |
|                          |     |          | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE |
| SUBPERIODS               |     |          |         |          |       |       |      | 7    |
| 1 WKDAY                  |     |          |         |          |       |       |      |      |
| SEASONAL PROFILE ENTRY   |     |          | 5.00    | 5.00     | 5.00  | 5.00  | 5.00 | 5.00 |

1 A Input Summary.txt

|                          |              |           |         |          |          |      |      |
|--------------------------|--------------|-----------|---------|----------|----------|------|------|
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.01     | 5.01     | 5.00 | 5.00 |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.01     | 5.01     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS | 280 COOK2_14 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 4.99      | 5.00    | 5.01     | 5.00     |      |      |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 4.99      | 5.00    | 5.01     | 5.00     |      |      |
| SEASONAL PROFILE SEASONS | 281 COOK2_15 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.01    | 5.02     | 5.00     | 5.00 | 5.00 |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.01    | 5.02     | 5.00     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS | 281 COOK2_15 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| SEASONAL PROFILE SEASONS | 282 COOK2_16 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     | 5.00 | 5.00 |
| SEASONAL PROFILE SEASONS | 282 COOK2_16 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 4.99     | 5.00     |      |      |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 5.00     | 5.00     |      |      |
| SEASONAL PROFILE SEASONS | 283 COOK2_17 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 5.00         | 5.00      | 5.00    | 4.99     | 5.00     | 5.00 | 5.00 |
| 2                        | WKNIGHT      |           |         |          |          |      |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 5.00 | 1 A Input Summary.txt |      | 5.00 | 5.00 | 5.00 | 5.00 |
|                        |      | 5.00                  | 5.00 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00                  | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 283 COOK2_17 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 4.99 | 5.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 284 COOK2_18 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.01 | 5.00 | 5.00 | 5.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.01 | 5.00 | 5.00 | 5.00 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 284 COOK2_18 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |

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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 285 COOK2_19 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 285 COOK2_19 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 4.99 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.08 | 5.00 | 5.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.08 | 5.00 | 5.00 |  |  |

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 286 COOK2_20 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |



1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |

SEASONAL PROFILE  
SEASONS

286 COOK2\_20  
8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |  |  |

SEASONAL PROFILE  
SEASONS

290 R\_BS\_11  
1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.99 | 0.99 | 0.99 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.99 | 0.99 | 0.99 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.99 | 0.99 | 0.99 | 0.99 |

SEASONAL PROFILE  
SEASONS

290 R\_BS\_11  
8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

291 BIGS\_12  
1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 0.98 | 0.98 | 0.97 | 0.97 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 0.98 | 0.98 | 0.97 | 0.97 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 0.98 | 0.98 | 0.97 | 0.97 |

SEASONAL PROFILE  
SEASONS

291 BIGS\_12  
8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.98 | 0.99 | 0.98 | 0.99 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.98 | 0.99 | 0.98 | 0.99 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.98 | 0.99 | 0.98 | 0.99 |  |  |

SEASONAL PROFILE  
SEASONS

293 R\_CD1\_11  
1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.93 | 0.93 | 0.92 | 0.92 | 0.92 | 0.88 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.93 | 0.93 | 0.92 | 0.92 | 0.92 | 0.88 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.93 | 0.93 | 0.93 | 0.92 | 0.92 | 0.92 | 0.88 |

SEASONAL PROFILE SEASONS 293 R\_CD1\_11

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.97 | 0.97 | 1.00 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.97 | 0.97 | 1.00 | 1.00 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.97 | 0.97 | 1.00 | 1.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 294 R_CD1_12 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 1.00 | 0.97 | 0.97 | 0.98 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 1.00 | 0.97 | 0.97 | 0.98 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 1.00 | 0.97 | 0.97 | 0.98 | 1.00 |

SEASONAL PROFILE SEASONS 294 R\_CD1\_12

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.96 | 0.96 | 0.96 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.96 | 0.96 | 0.96 | 0.96 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.96 | 0.96 | 0.96 | 0.96 |

SEASONAL PROFILE SEASONS 296 R\_CD2\_11

|  |         |          |       |       |     |      |      |
|--|---------|----------|-------|-------|-----|------|------|
|  | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|  | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 1.00 |

SEASONAL PROFILE SEASONS 296 R\_CD2\_11

|  |        |           |         |          |          |
|--|--------|-----------|---------|----------|----------|
|  | 8      | 9         | 10      | 11       | 12       |
|  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

## 1 A Input Summary.txt

| SEASONAL PROFILE SEASONS |         | 297 R_CD2_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|--------------------------|---------|--------------|---------|-----------|---------|----------|----------|------|------|
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.98    | 0.99      | 0.99    | 0.98     | 0.98     | 0.98 | 0.99 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.98    | 0.99      | 0.99    | 0.98     | 0.98     | 0.98 | 0.99 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.98    | 0.99      | 0.99    | 0.98     | 0.98     | 0.98 | 0.99 |
| SEASONAL PROFILE SEASONS |         | 297 R_CD2_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.99      | 0.99    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS |         | 300 R_CLR_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.79    | 0.79      | 0.79    | 0.92     | 0.92     | 0.92 | 0.93 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.79    | 0.79      | 0.79    | 0.92     | 0.92     | 0.92 | 0.93 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.79    | 0.79      | 0.79    | 0.92     | 0.92     | 0.92 | 0.93 |
| SEASONAL PROFILE SEASONS |         | 300 R_CLR_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.94    | 0.96      | 0.99    | 0.94     | 1.00     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.94    | 0.96      | 0.99    | 0.94     | 1.00     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.94    | 0.96      | 0.99    | 0.94     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS |         | 301 R_CLR_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 | 1.00 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 | 1.00 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 | 1.00 |
| SEASONAL PROFILE SEASONS |         | 301 R_CLR_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 1.00     | 0.99     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 1.00     | 0.99     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 1.00     | 0.99     |      |      |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |              |         |           |         |          |          |      |      |
|----------------------------------|--------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 303 R_CV3_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     | 0.97 | 0.99 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     | 0.97 | 0.99 |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 0.99     | 0.99     | 0.97 | 0.99 |
| SEASONAL PROFILE SEASONS         | 303 R_CV3_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS         | 304 R_CV3_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 0.98    | 0.98      | 0.98    | 0.97     | 0.97     | 0.97 | 0.99 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 0.98    | 0.98      | 0.98    | 0.97     | 0.97     | 0.97 | 0.99 |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 0.98    | 0.98      | 0.98    | 0.97     | 0.97     | 0.97 | 0.99 |
| SEASONAL PROFILE SEASONS         | 304 R_CV3_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS         | 306 R_CV5_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 0.95    | 0.95      | 0.95    | 0.94     | 0.92     | 0.98 | 0.99 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 0.95    | 0.95      | 0.95    | 0.94     | 0.92     | 0.98 | 0.99 |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 0.95    | 0.95      | 0.95    | 0.94     | 0.92     | 0.98 | 0.99 |
| SEASONAL PROFILE SEASONS         | 306 R_CV5_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 0.99    | 0.99      | 0.99    | 0.99     | 1.00     |      |      |

## 1 A Input Summary.txt

|                          |              |         |           |         |          |          |      |
|--------------------------|--------------|---------|-----------|---------|----------|----------|------|
| 3 WKEND                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99    | 0.99      | 0.99    | 1.00     |          |      |
| SEASONAL PROFILE SEASONS | 307 R_CV5_12 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |              |         |           |         |          |          |      |
| 1 WKDAY                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 0.97    | 0.98     | 0.99     | 0.96 |
| 2 WK NIGHT               |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 0.97    | 0.98     | 0.99     | 0.96 |
| 3 WKEND                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 0.97    | 0.98     | 0.99     | 0.96 |
| SEASONAL PROFILE SEASONS | 307 R_CV5_12 | 8       | 9         | 10      | 11       | 12       |      |
|                          |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |              |         |           |         |          |          |      |
| 1 WKDAY                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.98    | 1.00      | 1.00    | 0.99     | 1.00     |      |
| 2 WK NIGHT               |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.98    | 1.00      | 1.00    | 0.99     | 1.00     |      |
| 3 WKEND                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.98    | 1.00      | 1.00    | 0.99     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 309 R_GV1_11 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |              |         |           |         |          |          |      |
| 1 WKDAY                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.96    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 2 WK NIGHT               |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.96    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 3 WKEND                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.96    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| SEASONAL PROFILE SEASONS | 309 R_GV1_11 | 8       | 9         | 10      | 11       | 12       |      |
|                          |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |              |         |           |         |          |          |      |
| 1 WKDAY                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     |      |
| 2 WK NIGHT               |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     |      |
| 3 WKEND                  |              |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |         |           |         |          |          |      |      |
|--------------------------|--------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 310 R_GV1_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1 WKDAY                  |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.95    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2 WK NIGHT               |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.95    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3 WKEND                  |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.95    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 310 R_GV1_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |         |           |         |          |          |      |      |

1 A Input Summary.txt

|                          |              |             |            |             |             |        |        |
|--------------------------|--------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |
| SEASONAL PROFILE SEASONS | 312 R_GL5_11 |             |            |             |             |        |        |
|                          | 1 JANUARY    | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99        | 0.99       | 0.99        | 0.99        | 0.99   | 0.99   |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99        | 0.99       | 0.99        | 0.99        | 0.99   | 0.99   |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99        | 0.99       | 0.99        | 0.99        | 0.99   | 0.99   |
| SEASONAL PROFILE SEASONS | 312 R_GL5_11 |             |            |             |             |        |        |
|                          | 8 AUGUST     | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99        | 0.99       | 0.99        | 1.00        |        |        |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99        | 0.99       | 0.99        | 1.00        |        |        |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99         | 0.99        | 0.99       | 0.99        | 1.00        |        |        |
| SEASONAL PROFILE SEASONS | 313 R_GL5_12 |             |            |             |             |        |        |
|                          | 1 JANUARY    | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.89        | 0.89       | 0.87        | 0.87        | 0.87   | 0.89   |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.89        | 0.89       | 0.87        | 0.87        | 0.87   | 0.89   |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.89        | 0.89       | 0.87        | 0.87        | 0.87   | 0.89   |
| SEASONAL PROFILE SEASONS | 313 R_GL5_12 |             |            |             |             |        |        |
|                          | 8 AUGUST     | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.89        | 0.89       | 0.89        | 0.90        |        |        |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.89        | 0.89       | 0.89        | 0.90        |        |        |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.89        | 0.89       | 0.89        | 0.90        |        |        |
| SEASONAL PROFILE SEASONS | 315 R_MTN_11 |             |            |             |             |        |        |
|                          | 1 JANUARY    | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.98        | 0.98       | 0.98        | 0.98        | 0.98   | 0.98   |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.98        | 0.98       | 0.98        | 0.98        | 0.98   | 0.98   |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.98        | 0.98       | 0.98        | 0.98        | 0.98   | 0.98   |
| SEASONAL PROFILE SEASONS | 315 R_MTN_11 |             |            |             |             |        |        |
|                          | 8 AUGUST     | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.98        | 1.00       | 1.00        | 1.00        |        |        |

1 A Input Summary.txt

|                          |              |           |         |          |          |      |      |
|--------------------------|--------------|-----------|---------|----------|----------|------|------|
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.98      | 1.00    | 1.00     | 1.00     |      |      |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.98      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 316 R_MTN_12 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.94      | 0.98    | 0.98     | 1.00     | 1.00 | 1.00 |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.94      | 0.98    | 0.98     | 1.00     | 1.00 | 1.00 |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.94      | 0.98    | 0.98     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 316 R_MTN_12 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.97      | 0.92    | 0.94     | 0.98     |      |      |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.97      | 0.92    | 0.94     | 0.98     |      |      |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.98         | 0.97      | 0.92    | 0.94     | 0.98     |      |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |           |         |          |          |      |      |
|--------------------------|--------------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 318 R_KMR_11 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 | 0.97 |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 | 0.97 |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 1.00    | 0.99     | 0.99     | 0.99 | 0.97 |
| SEASONAL PROFILE SEASONS | 318 R_KMR_11 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST       | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96         | 0.96      | 0.97    | 0.96     | 0.97     |      |      |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96         | 0.96      | 0.97    | 0.96     | 0.97     |      |      |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.96         | 0.96      | 0.97    | 0.96     | 0.97     |      |      |
| SEASONAL PROFILE SEASONS | 319 R_KMR_12 |           |         |          |          |      |      |
|                          | 1            | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY      | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |           |         |          |          |      |      |
| 1                        | WKDAY        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 1.00    | 0.99     | 1.00     | 0.99 | 0.99 |
| 2                        | WKNIGHT      |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 1.00    | 0.99     | 1.00     | 0.99 | 0.99 |
| 3                        | WKEND        |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00      | 1.00    | 0.99     | 1.00     | 0.99 | 0.99 |
| SEASONAL PROFILE SEASONS | 319 R_KMR_12 |           |         |          |          |      |      |
|                          | 8            | 9         | 10      | 11       | 12       |      |      |

|                          |              | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|--------------|-----------------------|-----------|---------|----------|----------|------|
|                          |              | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |              |                       |           |         |          |          |      |
| 1 WKDAY                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.99                  | 0.99      | 0.99    | 0.99     | 1.00     |      |
| 2 WKNIGHT                |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.99                  | 0.99      | 0.99    | 0.99     | 1.00     |      |
| 3 WKEND                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 0.99                  | 0.99      | 0.99    | 0.99     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 321 R_KWA_11 | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |              | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |              |                       |           |         |          |          |      |
| 1 WKDAY                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 2 WKNIGHT                |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 3 WKEND                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| SEASONAL PROFILE SEASONS | 321 R_KWA_11 | 8                     | 9         | 10      | 11       | 12       |      |
|                          |              | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |              |                       |           |         |          |          |      |
| 1 WKDAY                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 0.99     | 0.99     |      |
| 2 WKNIGHT                |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 0.99     | 0.99     |      |
| 3 WKEND                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 0.99     | 0.99     |      |
| SEASONAL PROFILE SEASONS | 322 R_KWA_12 | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |              | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |              |                       |           |         |          |          |      |
| 1 WKDAY                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 2 WKNIGHT                |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 3 WKEND                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| SEASONAL PROFILE SEASONS | 322 R_KWA_12 | 8                     | 9         | 10      | 11       | 12       |      |
|                          |              | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |              |                       |           |         |          |          |      |
| 1 WKDAY                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 2 WKNIGHT                |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| 3 WKEND                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| SEASONAL PROFILE SEASONS | 324 R_MIT_11 | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |              | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |              |                       |           |         |          |          |      |
| 1 WKDAY                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 0.94      | 0.97    | 1.00     | 0.98     | 0.98 |
| 2 WKNIGHT                |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 0.94      | 0.97    | 1.00     | 0.98     | 0.98 |
| 3 WKEND                  |              |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |              | 1.00                  | 0.94      | 0.97    | 1.00     | 0.98     | 0.98 |
| SEASONAL PROFILE SEASONS | 324 R_MIT_11 | 8                     | 9         | 10      | 11       | 12       |      |
|                          |              | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |



## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.95 | 0.94 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.95 | 0.94 | 0.96 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.98 | 0.95 | 0.94 | 0.96 |

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NewEnergy Associates  
Strategist Page 108AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

325 R\_MIT\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.93 | 0.97 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.93 | 0.97 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.99 | 0.96 | 0.93 | 0.97 | 0.99 |

SEASONAL PROFILE  
SEASONS

325 R\_MIT\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 1.00 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 1.00 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 1.00 | 0.98 |

SEASONAL PROFILE  
SEASONS

327 MR1-4\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |

SEASONAL PROFILE  
SEASONS

327 MR1-4\_11

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |

SEASONAL PROFILE  
SEASONS

328 MR1-4\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.92 | 0.88 | 0.91 | 0.89 | 0.88 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.92 | 0.88 | 0.91 | 0.89 | 0.88 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.92 | 0.88 | 0.91 | 0.89 | 0.88 |

1 A Input Summary.txt

|                                                                                                                                                         |              |         |           |         |          |          |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS                                                                                                                                | 328 MR1-4_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                                                         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                                              |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                                                                                                          |              | 0.88    | 0.90      | 0.90    | 0.89     | 0.89     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                                                                                                                        |              | 0.88    | 0.90      | 0.90    | 0.89     | 0.89     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY                                                                                                                          |              | 0.88    | 0.90      | 0.90    | 0.89     | 0.89     |      |      |
| SEASONAL PROFILE SEASONS                                                                                                                                | 330 R_MR5_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                                                         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                                              |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                                                                                                          |              | 1.00    | 0.99      | 1.00    | 0.96     | 0.98     | 0.98 | 0.99 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                                                                                                                        |              | 1.00    | 0.99      | 1.00    | 0.96     | 0.98     | 0.98 | 0.99 |
| 3 WKEND SEASONAL PROFILE ENTRY                                                                                                                          |              | 1.00    | 0.99      | 1.00    | 0.96     | 0.98     | 0.98 | 0.99 |
| SEASONAL PROFILE SEASONS                                                                                                                                | 330 R_MR5_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                                                         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                                              |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                                                                                                          |              | 0.99    | 0.98      | 0.98    | 0.99     | 0.99     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                                                                                                                        |              | 0.99    | 0.98      | 0.98    | 0.99     | 0.99     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY                                                                                                                          |              | 0.99    | 0.98      | 0.98    | 0.99     | 0.99     |      |      |
| SEASONAL PROFILE SEASONS                                                                                                                                | 331 R_MR5_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                                                         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                                              |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                                                                                                          |              | 1.00    | 1.00      | 1.00    | 0.98     | 0.98     | 0.98 | 0.98 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                                                                                                                        |              | 1.00    | 1.00      | 1.00    | 0.98     | 0.98     | 0.98 | 0.98 |
| 3 WKEND SEASONAL PROFILE ENTRY                                                                                                                          |              | 1.00    | 1.00      | 1.00    | 0.98     | 0.98     | 0.98 | 0.98 |
| SEASONAL PROFILE SEASONS                                                                                                                                | 331 R_MR5_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                                                                                                                                         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                                                                                                                                              |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                                                                                                          |              | 0.98    | 0.98      | 0.99    | 0.99     | 1.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                                                                                                                        |              | 0.98    | 0.98      | 0.99    | 0.99     | 1.00     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY                                                                                                                          |              | 0.98    | 0.98      | 0.99    | 0.99     | 1.00     |      |      |
| <div> <div>02/12/13 08:26:40 V04.0 R03.0</div> <div> <div>NewEnergy Associates</div> <div>Strategist</div> <div>Page</div> <div>109</div> </div> </div> |              |         |           |         |          |          |      |      |
| <div> <div>AEP EAST</div> <div>GENERATION AND FUEL MODULE</div> <div>INPUT SUMMARY REPORT</div> <div>QUALIFIER = GAF.INPUT.PARAMETERS.</div> </div>     |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS                                                                                                                                | 333 SPRN_11  | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                                                                                                                                         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                                                                                                                                              |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                                                                                                          |              | 0.91    | 0.91      | 0.91    | 0.91     | 0.91     | 0.91 | 1.00 |

1 A Input Summary.txt

|                          |              |         |           |         |          |          |      |      |
|--------------------------|--------------|---------|-----------|---------|----------|----------|------|------|
| 2                        | WKNIGHT      |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.91    | 0.91      | 0.91    | 0.91     | 0.91     | 0.91 | 1.00 |
| 3                        | WKEND        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.91    | 0.91      | 0.91    | 0.91     | 0.91     | 0.91 | 1.00 |
| SEASONAL PROFILE SEASONS | 333 SPRN_11  | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1                        | WKDAY        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 0.93      | 0.93    | 0.93     | 0.94     |      |      |
| 2                        | WKNIGHT      |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 0.93      | 0.93    | 0.93     | 0.94     |      |      |
| 3                        | WKEND        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 0.93      | 0.93    | 0.93     | 0.94     |      |      |
| SEASONAL PROFILE SEASONS | 334 SPRN_12  | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1                        | WKDAY        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2                        | WKNIGHT      |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3                        | WKEND        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 334 SPRN_12  | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1                        | WKDAY        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2                        | WKNIGHT      |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3                        | WKEND        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 337 R_RCK_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1                        | WKDAY        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.94    | 1.00      | 0.99    | 0.97     | 0.97     | 0.94 | 0.91 |
| 2                        | WKNIGHT      |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.94    | 1.00      | 0.99    | 0.97     | 0.97     | 0.94 | 0.91 |
| 3                        | WKEND        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.94    | 1.00      | 0.99    | 0.97     | 0.97     | 0.94 | 0.91 |
| SEASONAL PROFILE SEASONS | 337 R_RCK_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1                        | WKDAY        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.91    | 0.94      | 0.93    | 0.93     | 0.93     |      |      |
| 2                        | WKNIGHT      |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.91    | 0.94      | 0.93    | 0.93     | 0.93     |      |      |
| 3                        | WKEND        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.91    | 0.94      | 0.93    | 0.93     | 0.93     |      |      |
| SEASONAL PROFILE SEASONS | 338 R_RCK_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |              |         |           |         |          |          |      |      |
| 1                        | WKDAY        |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |              | 0.96    | 0.98      | 0.98    | 0.92     | 0.96     | 0.96 | 0.97 |
| 2                        | WKNIGHT      |         |           |         |          |          |      |      |

|                        |      |                       |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 0.96 | 1 A Input Summary.txt |      | 0.92 | 0.96 | 0.96 | 0.97 |
|                        |      | 0.98                  | 0.98 |      |      |      |      |
| 3 WKEND                |      |                       |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.98                  | 0.98 | 0.92 | 0.96 | 0.96 | 0.97 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 338 R_RCK_12 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.96 | 0.97 | 0.98 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.96 | 0.97 | 0.98 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.96 | 0.97 | 0.98 | 1.00 |  |  |

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 340 R_TNR_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 1.00 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 340 R_TNR_11 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.98 | 0.98 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.98 | 0.98 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.98 | 0.98 | 0.96 |  |  |

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NewEnergy Associates  
Strategist Page 110

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 341 R_TNR_12 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.97 | 0.97 | 0.98 | 1.00 | 0.98 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.97 | 0.97 | 0.98 | 1.00 | 0.98 | 0.96 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.97 | 0.97 | 0.98 | 1.00 | 0.98 | 0.96 |

|                          |              |        |           |         |          |          |  |
|--------------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 341 R_TNR_12 | 8      | 9         | 10      | 11       | 12       |  |
|                          |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.96 | 0.98 | 0.97 | 0.97 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.96 | 0.98 | 0.97 | 0.97 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.96 | 0.98 | 0.97 | 0.97 | 0.97 |  |  |

|                          |              |         |          |       |       |     |      |      |
|--------------------------|--------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 343 R_TC4_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## 1 A Input Summary.txt

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.91 | 0.91 | 0.91 | 0.89 | 0.96 | 0.98 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.91 | 0.91 | 0.91 | 0.89 | 0.96 | 0.98 | 0.98 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.91 | 0.91 | 0.91 | 0.89 | 0.96 | 0.98 | 0.98 |

SEASONAL PROFILE  
SEASONS

343 R\_TC4\_11

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.98 | 0.96 | 0.96 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.98 | 0.96 | 0.96 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.98 | 0.96 | 0.96 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

344 R\_TC4\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 1.00 | 1.00 | 0.98 | 0.98 | 0.98 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 1.00 | 1.00 | 0.98 | 0.98 | 0.98 | 0.98 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.99 | 1.00 | 1.00 | 0.98 | 0.98 | 0.98 | 0.98 |

SEASONAL PROFILE  
SEASONS

344 R\_TC4\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.97 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.97 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 0.98 | 0.97 | 1.00 |  |  |

SEASONAL PROFILE  
SEASONS

345 WATR\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.79 | 0.78 | 0.79 | 0.80 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.79 | 0.78 | 0.79 | 0.80 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.79 | 0.78 | 0.79 | 0.80 |

SEASONAL PROFILE  
SEASONS

345 WATR\_12

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.81 | 0.82 | 0.96 | 0.99 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.81 | 0.82 | 0.96 | 0.99 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.80 | 0.81 | 0.82 | 0.96 | 0.99 |  |  |

SEASONAL PROFILE  
SEASONS

346 EMIS\_03

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

## 1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.67 | 0.81 | 0.92 | 0.92 | 0.87 | 0.93 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.67 | 0.81 | 0.92 | 0.92 | 0.87 | 0.93 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

|                  |             |           |         |          |          |  |  |
|------------------|-------------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE | 346 EMIS_03 |           |         |          |          |  |  |
| SEASONS          | 8           | 9         | 10      | 11       | 12       |  |  |
|                  | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.76 | 0.74 | 0.78 | 0.81 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.97 | 0.76 | 0.74 | 0.78 | 0.81 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

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NewEnergy Associates  
Strategist Page 111AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                  |             |          |       |       |     |      |      |
|------------------|-------------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE | 347 EMIS_04 |          |       |       |     |      |      |
| SEASONS          | 1           | 2        | 3     | 4     | 5   | 6    | 7    |
|                  | JANUARY     | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.92 | 0.90 | 0.84 | 0.80 | 0.89 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.96 | 0.92 | 0.90 | 0.84 | 0.80 | 0.89 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

|                  |             |           |         |          |          |  |  |
|------------------|-------------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE | 347 EMIS_04 |           |         |          |          |  |  |
| SEASONS          | 8           | 9         | 10      | 11       | 12       |  |  |
|                  | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.77 | 0.73 | 0.77 | 0.80 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.77 | 0.73 | 0.77 | 0.80 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

|                  |             |          |       |       |     |      |      |
|------------------|-------------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE | 348 EMIS_05 |          |       |       |     |      |      |
| SEASONS          | 1           | 2        | 3     | 4     | 5   | 6    | 7    |
|                  | JANUARY     | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.78 | 0.71 | 0.85 | 0.68 | 0.66 | 0.79 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.78 | 0.71 | 0.85 | 0.68 | 0.66 | 0.79 | 0.96 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

|                  |             |           |         |          |          |  |  |
|------------------|-------------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE | 348 EMIS_05 |           |         |          |          |  |  |
| SEASONS          | 8           | 9         | 10      | 11       | 12       |  |  |
|                  | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

## SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.81 | 0.74 | 0.97 | 1.00 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.92 | 0.81 | 0.74 | 0.97 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

## 1 A Input Summary.txt

|                          |     |         |         |           |         |          |          |      |      |
|--------------------------|-----|---------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 349 | EMIS_06 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |     |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |     |         |         |           |         |          |          |      |      |
| 1 WKDAY                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 0.93      | 0.91    | 0.60     | 0.51     | 0.63 | 0.89 |
| 2 WKNIGHT                |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 0.93      | 0.91    | 0.60     | 0.51     | 0.63 | 0.89 |
| 3 WKEND                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 349 | EMIS_06 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |     |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |     |         |         |           |         |          |          |      |      |
| 1 WKDAY                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 0.89    | 0.59      | 0.65    | 0.83     | 0.89     |      |      |
| 2 WKNIGHT                |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 0.89    | 0.59      | 0.65    | 0.83     | 0.89     |      |      |
| 3 WKEND                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 350 | EMIS_07 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |     |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |     |         |         |           |         |          |          |      |      |
| 1 WKDAY                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 0.93      | 0.95    | 0.65     | 0.56     | 0.63 | 0.96 |
| 2 WKNIGHT                |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 0.93      | 0.95    | 0.65     | 0.56     | 0.63 | 0.96 |
| 3 WKEND                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 350 | EMIS_07 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |     |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |     |         |         |           |         |          |          |      |      |
| 1 WKDAY                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 0.97    | 0.63      | 0.62    | 0.76     | 0.84     |      |      |
| 2 WKNIGHT                |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 0.97    | 0.63      | 0.62    | 0.76     | 0.84     |      |      |
| 3 WKEND                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 351 | EMIS_08 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |     |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |     |         |         |           |         |          |          |      |      |
| 1 WKDAY                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 0.92      | 0.98    | 0.65     | 0.50     | 0.61 | 0.90 |
| 2 WKNIGHT                |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 0.92      | 0.98    | 0.65     | 0.50     | 0.61 | 0.90 |
| 3 WKEND                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 351 | EMIS_08 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |     |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |     |         |         |           |         |          |          |      |      |
| 1 WKDAY                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 0.90    | 0.56      | 0.55    | 0.68     | 0.75     |      |      |
| 2 WKNIGHT                |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 0.90    | 0.56      | 0.55    | 0.68     | 0.75     |      |      |
| 3 WKEND                  |     |         |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |     |         | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |             |         |           |         |          |          |      |      |
|----------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 352 EMIS_09 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.98    | 0.92      | 0.96    | 0.70     | 0.55     | 0.70 | 1.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.98    | 0.92      | 0.96    | 0.70     | 0.55     | 0.70 | 1.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS         | 352 EMIS_09 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.64      | 0.67    | 0.80     | 0.87     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.64      | 0.67    | 0.80     | 0.87     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS         | 353 EMIS_10 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.94      | 0.96    | 0.68     | 0.53     | 0.72 | 1.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.94      | 0.96    | 0.68     | 0.53     | 0.72 | 1.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS         | 353 EMIS_10 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.62      | 0.68    | 0.81     | 0.87     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.62      | 0.68    | 0.81     | 0.87     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS         | 354 EMIS_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.99    | 0.92      | 0.96    | 0.71     | 0.54     | 0.73 | 1.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.99    | 0.92      | 0.96    | 0.71     | 0.54     | 0.73 | 1.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS         | 354 EMIS_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.60      | 0.66    | 0.79     | 0.87     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.60      | 0.66    | 0.79     | 0.87     |      |      |



## 1 A Input Summary.txt

3 WKEND  
SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE SEASONS 355 EMIS\_12  
1 2 3 4 5 6 7  
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

## SUBPERIODS

1 WKDAY  
SEASONAL PROFILE ENTRY 0.99 0.91 0.96 0.68 0.53 0.73 1.00  
2 WK NIGHT  
SEASONAL PROFILE ENTRY 0.99 0.91 0.96 0.68 0.53 0.73 1.00  
3 WKEND  
SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE SEASONS 355 EMIS\_12  
8 9 10 11 12  
AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

## SUBPERIODS

1 WKDAY  
SEASONAL PROFILE ENTRY 0.98 0.58 0.66 0.78 0.85  
2 WK NIGHT  
SEASONAL PROFILE ENTRY 0.98 0.58 0.66 0.78 0.85  
3 WKEND  
SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE SEASONS 356 EMIS\_13  
1 2 3 4 5 6 7  
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

## SUBPERIODS

1 WKDAY  
SEASONAL PROFILE ENTRY 0.97 0.92 0.95 0.70 0.51 0.66 0.98  
2 WK NIGHT  
SEASONAL PROFILE ENTRY 0.97 0.92 0.95 0.70 0.51 0.66 0.98  
3 WKEND  
SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE SEASONS 356 EMIS\_13  
8 9 10 11 12  
AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

## SUBPERIODS

1 WKDAY  
SEASONAL PROFILE ENTRY 1.00 0.62 0.63 0.77 0.85  
2 WK NIGHT  
SEASONAL PROFILE ENTRY 1.00 0.62 0.63 0.77 0.85  
3 WKEND  
SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS 357 EMIS\_14  
1 2 3 4 5 6 7  
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

## SUBPERIODS

1 WKDAY  
SEASONAL PROFILE ENTRY 0.99 0.94 0.97 0.71 0.51 0.68 0.99  
2 WK NIGHT  
SEASONAL PROFILE ENTRY 0.99 0.94 0.97 0.71 0.51 0.68 0.99  
3 WKEND  
SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE SEASONS 357 EMIS\_14  
8 9 10 11 12  
AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

## SUBPERIODS

## 1 A Input Summary.txt

|                          |              |             |            |             |             |        |        |
|--------------------------|--------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 0.61        | 0.63       | 0.76        | 0.86        |        |        |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 0.61        | 0.63       | 0.76        | 0.86        |        |        |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |
| SEASONAL PROFILE SEASONS | 358 CDW_19   |             |            |             |             |        |        |
|                          | 1 JANUARY    | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 0.98        | 0.93       | 0.88        | 0.86        | 0.87   | 0.89   |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 0.98        | 0.93       | 0.88        | 0.86        | 0.87   | 0.89   |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 0.98        | 0.93       | 0.88        | 0.86        | 0.87   | 0.89   |
| SEASONAL PROFILE SEASONS | 358 CDW_19   |             |            |             |             |        |        |
|                          | 8 AUGUST     | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.88        | 0.89       | 0.94        | 0.98        |        |        |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.88        | 0.89       | 0.94        | 0.98        |        |        |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.89         | 0.88        | 0.89       | 0.94        | 0.98        |        |        |
| SEASONAL PROFILE SEASONS | 360 AM3_CF11 |             |            |             |             |        |        |
|                          | 1 JANUARY    | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        | 1.00   | 1.00   |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        | 1.00   | 1.00   |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        | 1.00   | 1.00   |
| SEASONAL PROFILE SEASONS | 360 AM3_CF11 |             |            |             |             |        |        |
|                          | 8 AUGUST     | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |
| SEASONAL PROFILE SEASONS | 361 AM3_CF12 |             |            |             |             |        |        |
|                          | 1 JANUARY    | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        | 1.00   | 1.00   |
| 2 WKNIGHT                |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        | 1.00   | 1.00   |
| 3 WKEND                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        | 1.00   | 1.00   |
| SEASONAL PROFILE SEASONS | 361 AM3_CF12 |             |            |             |             |        |        |
|                          | 8 AUGUST     | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |              |             |            |             |             |        |        |
| 1 WKDAY                  |              |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00         | 1.00        | 1.00       | 1.00        | 1.00        |        |        |

1 A Input Summary.txt

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 362 CDW_20 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

|                        |      |      |      |      |      |      |      |  |
|------------------------|------|------|------|------|------|------|------|--|
| SUBPERIODS             |      |      |      |      |      |      |      |  |
| 1 WKDAY                |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |  |
| 2 WKNIGHT              |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |  |
| 3 WKEND                |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |  |

|                          |            |        |           |         |          |          |  |  |
|--------------------------|------------|--------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE SEASONS | 362 CDW_20 | 8      | 9         | 10      | 11       | 12       |  |  |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

|                        |      |      |      |      |      |  |  |  |
|------------------------|------|------|------|------|------|--|--|--|
| SUBPERIODS             |      |      |      |      |      |  |  |  |
| 1 WKDAY                |      |      |      |      |      |  |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 364 DAR_11 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

|                        |      |      |      |      |      |      |      |  |
|------------------------|------|------|------|------|------|------|------|--|
| SUBPERIODS             |      |      |      |      |      |      |      |  |
| 1 WKDAY                |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.96 | 0.92 | 0.91 | 0.92 | 0.93 |  |
| 2 WKNIGHT              |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.96 | 0.92 | 0.91 | 0.92 | 0.93 |  |
| 3 WKEND                |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 0.99 | 0.99 | 0.96 | 0.92 | 0.91 | 0.92 | 0.93 |  |

|                          |            |        |           |         |          |          |  |  |
|--------------------------|------------|--------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE SEASONS | 364 DAR_11 | 8      | 9         | 10      | 11       | 12       |  |  |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

|                        |      |      |      |      |      |  |  |  |
|------------------------|------|------|------|------|------|--|--|--|
| SUBPERIODS             |      |      |      |      |      |  |  |  |
| 1 WKDAY                |      |      |      |      |      |  |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.96 | 0.96 | 1.00 |  |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.96 | 0.96 | 1.00 |  |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.94 | 0.96 | 0.96 | 1.00 |  |  |  |

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 365 DAR_12 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

|                        |      |      |      |      |      |      |      |  |
|------------------------|------|------|------|------|------|------|------|--|
| SUBPERIODS             |      |      |      |      |      |      |      |  |
| 1 WKDAY                |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.90 | 0.89 | 0.90 | 0.91 |  |
| 2 WKNIGHT              |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.90 | 0.89 | 0.90 | 0.91 |  |
| 3 WKEND                |      |      |      |      |      |      |      |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 0.97 | 0.90 | 0.89 | 0.90 | 0.91 |  |

|                          |            |   |   |    |    |    |  |  |
|--------------------------|------------|---|---|----|----|----|--|--|
| SEASONAL PROFILE SEASONS | 365 DAR_12 | 8 | 9 | 10 | 11 | 12 |  |  |
|--------------------------|------------|---|---|----|----|----|--|--|

|                          |            | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|------------|-----------------------|-----------|---------|----------|----------|------|
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.92                  | 0.92      | 0.93    | 0.95     | 0.99     |      |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.92                  | 0.92      | 0.93    | 0.95     | 0.99     |      |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.92                  | 0.92      | 0.93    | 0.95     | 0.99     |      |
| SEASONAL PROFILE SEASONS | 366 DAR_13 |                       |           |         |          |          |      |
|                          |            | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |            |                       |           |         |          |          | 7    |
|                          |            |                       |           |         |          |          | JULY |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.86                  | 0.85      | 0.83    | 0.80     | 0.80     | 0.83 |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.86                  | 0.85      | 0.83    | 0.80     | 0.80     | 0.83 |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.86                  | 0.85      | 0.83    | 0.80     | 0.80     | 0.83 |
| SEASONAL PROFILE SEASONS | 366 DAR_13 |                       |           |         |          |          |      |
|                          |            | 8                     | 9         | 10      | 11       | 12       |      |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.87                  | 0.88      | 0.90    | 0.97     | 1.00     |      |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.87                  | 0.88      | 0.90    | 0.97     | 1.00     |      |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.87                  | 0.88      | 0.90    | 0.97     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 367 DAR_14 |                       |           |         |          |          |      |
|                          |            | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |            |                       |           |         |          |          | 7    |
|                          |            |                       |           |         |          |          | JULY |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.93    | 0.88     | 0.87     | 0.88 |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.93    | 0.88     | 0.87     | 0.88 |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.93    | 0.88     | 0.87     | 0.88 |
| SEASONAL PROFILE SEASONS | 367 DAR_14 |                       |           |         |          |          |      |
|                          |            | 8                     | 9         | 10      | 11       | 12       |      |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.89                  | 0.88      | 0.89    | 0.94     | 0.98     |      |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.89                  | 0.88      | 0.89    | 0.94     | 0.98     |      |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 0.89                  | 0.88      | 0.89    | 0.94     | 0.98     |      |
| SEASONAL PROFILE SEASONS | 368 DAR_15 |                       |           |         |          |          |      |
|                          |            | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |            | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |            |                       |           |         |          |          | 7    |
|                          |            |                       |           |         |          |          | JULY |
| SUBPERIODS               |            |                       |           |         |          |          |      |
| 1 WKDAY                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.88 |
| 2 WKNIGHT                |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.88 |
| 3 WKEND                  |            |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |            | 1.00                  | 0.98      | 0.93    | 0.88     | 0.86     | 0.88 |
| SEASONAL PROFILE SEASONS | 368 DAR_15 |                       |           |         |          |          |      |
|                          |            | 8                     | 9         | 10      | 11       | 12       |      |
|                          |            | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 369 DAR_16 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |

|                          |            |        |           |         |          |          |
|--------------------------|------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE SEASONS | 369 DAR_16 | 8      | 9         | 10      | 11       | 12       |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 370 DAR_17 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |

|                          |            |        |           |         |          |          |
|--------------------------|------------|--------|-----------|---------|----------|----------|
| SEASONAL PROFILE SEASONS | 370 DAR_17 | 8      | 9         | 10      | 11       | 12       |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 371 DAR_18 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

1 A Input Summary.txt

|                                                                |            |         |           |         |          |          |                                    |          |
|----------------------------------------------------------------|------------|---------|-----------|---------|----------|----------|------------------------------------|----------|
| SEASONAL PROFILE SEASONS                                       | 371 DAR_18 | 8       | 9         | 10      | 11       | 12       |                                    |          |
|                                                                |            | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |                                    |          |
| SUBPERIODS                                                     |            |         |           |         |          |          |                                    |          |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| SEASONAL PROFILE SEASONS                                       | 372 DAR_19 | 1       | 2         | 3       | 4        | 5        | 6                                  | 7        |
|                                                                |            | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE                               | JULY     |
| SUBPERIODS                                                     |            |         |           |         |          |          |                                    |          |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |            | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87                               | 0.89     |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |            | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87                               | 0.89     |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |            | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87                               | 0.89     |
| SEASONAL PROFILE SEASONS                                       | 372 DAR_19 | 8       | 9         | 10      | 11       | 12       |                                    |          |
|                                                                |            | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |                                    |          |
| SUBPERIODS                                                     |            |         |           |         |          |          |                                    |          |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| SEASONAL PROFILE SEASONS                                       | 373 DAR_20 | 1       | 2         | 3       | 4        | 5        | 6                                  | 7        |
|                                                                |            | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE                               | JULY     |
| SUBPERIODS                                                     |            |         |           |         |          |          |                                    |          |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |            | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87                               | 0.89     |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |            | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87                               | 0.89     |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |            | 1.00    | 0.98      | 0.93    | 0.88     | 0.86     | 0.87                               | 0.89     |
| SEASONAL PROFILE SEASONS                                       | 373 DAR_20 | 8       | 9         | 10      | 11       | 12       |                                    |          |
|                                                                |            | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |                                    |          |
| SUBPERIODS                                                     |            |         |           |         |          |          |                                    |          |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |            | 0.89    | 0.88      | 0.89    | 0.94     | 0.98     |                                    |          |
| 02/12/13 08:26:41 V04.0 R03.0                                  |            |         |           |         |          |          | NewEnergy Associates<br>Strategist | Page 116 |
| AEP EAST<br>GENERATION AND FUEL MODULE<br>INPUT SUMMARY REPORT |            |         |           |         |          |          |                                    |          |
| QUALIFIER = GAF.INPUT.PARAMETERS.                              |            |         |           |         |          |          |                                    |          |
| SEASONAL PROFILE SEASONS                                       | 374 WTR_13 | 1       | 2         | 3       | 4        | 5        | 6                                  | 7        |
|                                                                |            | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE                               | JULY     |
| SUBPERIODS                                                     |            |         |           |         |          |          |                                    |          |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |            | 0.86    | 0.85      | 0.83    | 0.80     | 0.80     | 0.83                               | 0.86     |

1 A Input Summary.txt

|                          |            |           |         |          |          |      |      |
|--------------------------|------------|-----------|---------|----------|----------|------|------|
| 2 WKNIGHT                |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.86       | 0.85      | 0.83    | 0.80     | 0.80     | 0.83 | 0.86 |
| 3 WKEND                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.86       | 0.85      | 0.83    | 0.80     | 0.80     | 0.83 | 0.86 |
| SEASONAL PROFILE SEASONS | 374 WTR_13 |           |         |          |          |      |      |
|                          | 8          | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST     | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1 WKDAY                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.87       | 0.88      | 0.90    | 0.97     | 1.00     |      |      |
| 2 WKNIGHT                |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.87       | 0.88      | 0.90    | 0.97     | 1.00     |      |      |
| 3 WKEND                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.87       | 0.88      | 0.90    | 0.97     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 375 WTR_14 |           |         |          |          |      |      |
|                          | 1          | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY    | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1 WKDAY                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98      | 0.93    | 0.88     | 0.87     | 0.88 | 0.89 |
| 2 WKNIGHT                |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98      | 0.93    | 0.88     | 0.87     | 0.88 | 0.89 |
| 3 WKEND                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98      | 0.93    | 0.88     | 0.87     | 0.88 | 0.89 |
| SEASONAL PROFILE SEASONS | 375 WTR_14 |           |         |          |          |      |      |
|                          | 8          | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST     | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1 WKDAY                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 2 WKNIGHT                |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 3 WKEND                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS | 376 WTR_15 |           |         |          |          |      |      |
|                          | 1          | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY    | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1 WKDAY                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98      | 0.93    | 0.88     | 0.86     | 0.88 | 0.89 |
| 2 WKNIGHT                |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98      | 0.93    | 0.88     | 0.86     | 0.88 | 0.89 |
| 3 WKEND                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98      | 0.93    | 0.88     | 0.86     | 0.88 | 0.89 |
| SEASONAL PROFILE SEASONS | 376 WTR_15 |           |         |          |          |      |      |
|                          | 8          | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST     | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1 WKDAY                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 2 WKNIGHT                |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| 3 WKEND                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.89       | 0.88      | 0.89    | 0.94     | 0.98     |      |      |
| SEASONAL PROFILE SEASONS | 377 WTR_16 |           |         |          |          |      |      |
|                          | 1          | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY    | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |            |           |         |          |          |      |      |
| 1 WKDAY                  |            |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00       | 0.98      | 0.93    | 0.88     | 0.86     | 0.88 | 0.89 |
| 2 WKNIGHT                |            |           |         |          |          |      |      |

|                        |      |                                    |      |      |      |      |      |
|------------------------|------|------------------------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 1.00 | 1 A Input Summary.txt<br>0.98 0.93 |      | 0.88 | 0.86 | 0.88 | 0.89 |
| 3 WKEND                |      |                                    |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98                               | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |

|                          |            |        |           |         |          |          |  |
|--------------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 377 WTR_16 | 8      | 9         | 10      | 11       | 12       |  |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 378 WTR_17 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.88 | 0.89 |

|                          |            |        |           |         |          |          |  |
|--------------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 378 WTR_17 | 8      | 9         | 10      | 11       | 12       |  |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

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NewEnergy Associates  
Strategist Page 117

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 379 WTR_18 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

|                          |            |        |           |         |          |          |  |
|--------------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 379 WTR_18 | 8      | 9         | 10      | 11       | 12       |  |
|                          |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |  |  |

|                          |            |         |          |       |       |     |      |      |
|--------------------------|------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 380 WTR_19 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |



1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

SEASONAL PROFILE  
SEASONS

380 WTR\_19

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

SEASONAL PROFILE  
SEASONS

381 WTR\_20

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.98 | 0.93 | 0.88 | 0.86 | 0.87 | 0.89 |

SEASONAL PROFILE  
SEASONS

381 WTR\_20

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.88 | 0.89 | 0.94 | 0.98 |

SEASONAL PROFILE  
SEASONS

383 R\_AM1\_11

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 1.00 | 1.00 | 0.97 | 0.96 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 1.00 | 1.00 | 0.97 | 0.96 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 1.00 | 1.00 | 0.97 | 0.96 | 0.92 |

SEASONAL PROFILE  
SEASONS

383 R\_AM1\_11

|        |           |         |          |          |
|--------|-----------|---------|----------|----------|
| 8      | 9         | 10      | 11       | 12       |
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.86 | 0.84 | 0.84 | 0.96 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.86 | 0.84 | 0.84 | 0.96 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.86 | 0.84 | 0.84 | 0.96 |

SEASONAL PROFILE  
SEASONS

384 R\_AM1\_12

|         |          |       |       |     |      |      |
|---------|----------|-------|-------|-----|------|------|
| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.97 | 0.90 | 0.94 | 0.95 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.97 | 0.90 | 0.94 | 0.95 | 0.94 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.97 | 0.90 | 0.94 | 0.95 | 0.94 |

  

|                  |              |        |           |         |          |          |  |
|------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 384 R_AM1_12 |        |           |         |          |          |  |
| SEASONS          |              | 8      | 9         | 10      | 11       | 12       |  |
|                  |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.96 | 0.96 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.96 | 0.96 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.96 | 0.96 | 0.96 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                  |              |         |          |       |       |     |      |
|------------------|--------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 386 R_AM2_11 |         |          |       |       |     |      |
| SEASONS          |              | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |              |         |          |       |       |     | 7    |
|                  |              |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 1.00 | 1.00 | 0.97 | 0.96 | 0.92 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 1.00 | 1.00 | 0.97 | 0.96 | 0.92 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.98 | 1.00 | 1.00 | 0.97 | 0.96 | 0.92 |

  

|                  |              |        |           |         |          |          |  |
|------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 386 R_AM2_11 |        |           |         |          |          |  |
| SEASONS          |              | 8      | 9         | 10      | 11       | 12       |  |
|                  |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.86 | 0.84 | 0.84 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.86 | 0.84 | 0.84 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.89 | 0.86 | 0.84 | 0.84 | 0.96 |  |  |

  

|                  |              |         |          |       |       |     |      |
|------------------|--------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 387 R_AM2_12 |         |          |       |       |     |      |
| SEASONS          |              | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |              |         |          |       |       |     | 7    |
|                  |              |         |          |       |       |     | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.97 | 0.90 | 0.94 | 0.95 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.97 | 0.90 | 0.94 | 0.95 | 0.94 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.97 | 0.97 | 0.90 | 0.94 | 0.95 | 0.94 |

  

|                  |              |        |           |         |          |          |  |
|------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 387 R_AM2_12 |        |           |         |          |          |  |
| SEASONS          |              | 8      | 9         | 10      | 11       | 12       |  |
|                  |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.96 | 0.96 | 0.96 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.96 | 0.96 | 0.96 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.95 | 0.94 | 0.96 | 0.96 | 0.96 |  |  |

## 1 A Input Summary.txt

| SEASONAL PROFILE SEASONS |         | 389 R_AM3_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|--------------------------|---------|--------------|---------|-----------|---------|----------|----------|------|------|
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.98      | 0.99    | 1.00     | 0.97     | 0.96 | 0.92 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.98      | 0.99    | 1.00     | 0.97     | 0.96 | 0.92 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.98      | 0.99    | 1.00     | 0.97     | 0.96 | 0.92 |
| SEASONAL PROFILE SEASONS |         | 389 R_AM3_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.89    | 0.86      | 0.86    | 0.86     | 0.94     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.89    | 0.86      | 0.86    | 0.86     | 0.94     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.89    | 0.86      | 0.86    | 0.86     | 0.94     |      |      |
| SEASONAL PROFILE SEASONS |         | 390 R_AM3_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 0.96      | 0.97    | 0.88     | 0.94     | 0.94 | 0.93 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 0.96      | 0.97    | 0.88     | 0.94     | 0.94 | 0.93 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 0.96      | 0.97    | 0.88     | 0.94     | 0.94 | 0.93 |
| SEASONAL PROFILE SEASONS |         | 390 R_AM3_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.94    | 0.93      | 0.95    | 0.96     | 0.96     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.94    | 0.93      | 0.95    | 0.96     | 0.96     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.94    | 0.93      | 0.95    | 0.96     | 0.96     |      |      |
| SEASONAL PROFILE SEASONS |         | 392 R_CD3_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     | 0.99 | 1.00 |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     | 0.99 | 1.00 |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     | 0.99 | 1.00 |
| SEASONAL PROFILE SEASONS |         | 392 R_CD3_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |              |         |           |         |          |          |      |      |
| 1                        | WKDAY   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2                        | WKNIGHT |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3                        | WKEND   |              |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |              |         |           |         |          |          |      |      |
|----------------------------------|--------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 393 R_CD3_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     | 0.99 | 1.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     | 0.99 | 1.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 0.99    | 0.99      | 0.99    | 0.99     | 0.99     | 0.99 | 1.00 |
| SEASONAL PROFILE SEASONS         | 393 R_CD3_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS         | 395 R_PW5_11 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS         | 395 R_PW5_11 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 0.78    | 0.78      | 0.78    | 0.78     | 0.78     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 0.78    | 0.78      | 0.78    | 0.78     | 0.78     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 0.78    | 0.78      | 0.78    | 0.78     | 0.78     |      |      |
| SEASONAL PROFILE SEASONS         | 396 R_PW5_12 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |              | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| 3 WKEND SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS         | 396 R_PW5_12 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |              | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |              |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |              | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |      |      |

1 A Input Summary.txt

| 3 WKEND                  |             | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|--------------------------|-------------|---------|----------|-------|-------|------|------|------|
| SEASONAL PROFILE ENTRY   |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SEASONAL PROFILE SEASONS | 440 Emis_15 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
| SUBPERIODS               |             |         |          |       |       |      |      |      |
| 1 WKDAY                  |             | 0.95    | 0.89     | 0.92  | 0.67  | 0.50 | 0.66 | 0.96 |
| 2 WKNIGHT                |             | 0.95    | 0.89     | 0.92  | 0.67  | 0.50 | 0.66 | 0.96 |
| 3 WKEND                  |             | 1.00    | 1.00     | 1.00  | 1.00  | 1.00 | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 440 Emis_15 | 8       | 9        | 10    | 11    | 12   |      |      |
| SUBPERIODS               |             |         |          |       |       |      |      |      |
| 1 WKDAY                  |             | 0.95    | 0.57     | 0.61  | 0.73  | 1.00 |      |      |
| 2 WKNIGHT                |             | 0.95    | 0.57     | 0.61  | 0.73  | 1.00 |      |      |
| 3 WKEND                  |             | 1.00    | 1.00     | 1.00  | 1.00  | 1.00 |      |      |
| SEASONAL PROFILE SEASONS | 441 Emis_16 | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
| SUBPERIODS               |             |         |          |       |       |      |      |      |
| 1 WKDAY                  |             | 1.00    | 0.92     | 0.95  | 0.67  | 0.49 | 0.72 | 0.99 |
| 2 WKNIGHT                |             | 1.00    | 0.92     | 0.95  | 0.67  | 0.49 | 0.72 | 0.99 |
| 3 WKEND                  |             | 1.00    | 1.00     | 1.00  | 1.00  | 1.00 | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 441 Emis_16 | 8       | 9        | 10    | 11    | 12   |      |      |
| SUBPERIODS               |             |         |          |       |       |      |      |      |
| 1 WKDAY                  |             | 0.99    | 0.57     | 0.65  | 0.78  | 0.86 |      |      |
| 2 WKNIGHT                |             | 0.99    | 0.57     | 0.65  | 0.78  | 0.86 |      |      |
| 3 WKEND                  |             | 1.00    | 1.00     | 1.00  | 1.00  | 1.00 |      |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

| 442 Emis_17              |             | 1       | 2        | 3     | 4     | 5    | 6    | 7    |
|--------------------------|-------------|---------|----------|-------|-------|------|------|------|
| SEASONAL PROFILE SEASONS |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY |
| SUBPERIODS               |             |         |          |       |       |      |      |      |
| 1 WKDAY                  |             | 1.00    | 0.90     | 0.94  | 0.69  | 0.48 | 0.72 | 0.99 |
| 2 WKNIGHT                |             | 1.00    | 0.90     | 0.94  | 0.69  | 0.48 | 0.72 | 0.99 |
| 3 WKEND                  |             | 1.00    | 1.00     | 1.00  | 1.00  | 1.00 | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 442 Emis_17 | 8       | 9        | 10    | 11    | 12   |      |      |
| SUBPERIODS               |             |         |          |       |       |      |      |      |

## 1 A Input Summary.txt

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.97        | 0.55      | 0.63    | 0.76     | 0.85     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.97        | 0.55      | 0.63    | 0.76     | 0.85     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 443 Emis_18 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.97        | 0.94      | 0.95    | 0.69     | 0.69     | 0.67 | 0.98 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.97        | 0.94      | 0.95    | 0.69     | 0.69     | 0.67 | 0.98 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 443 Emis_18 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.61      | 0.59    | 0.70     | 0.79     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.61      | 0.59    | 0.70     | 0.79     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 444 Emis_19 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.86    | 0.58     | 0.45     | 0.59 | 0.85 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.86    | 0.58     | 0.45     | 0.59 | 0.85 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 444 Emis_19 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.85        | 0.51      | 0.54    | 0.70     | 0.78     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.85        | 0.51      | 0.54    | 0.70     | 0.78     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 445 Emis_20 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 445 Emis_20 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |

1 A Input Summary.txt

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 446 Emis_21 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 446 Emis_21 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 447 Emis_22 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 447 Emis_22 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 448 Emis_23 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1 WKDAY                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.46 | 0.97 |
| 2 WKNIGHT                |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.46 | 0.97 |
| 3 WKEND                  |             |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 448 Emis_23 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |

|                          |             | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|-------------|-----------------------|-----------|---------|----------|----------|------|
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.56      | 0.60    | 0.80     | 0.94     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.56      | 0.60    | 0.80     | 0.94     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 449 Emis_24 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| SEASONAL PROFILE SEASONS | 449 Emis_24 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.56      | 0.60    | 0.80     | 0.94     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.56      | 0.60    | 0.80     | 0.94     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 450 Emis_25 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| SEASONAL PROFILE SEASONS | 450 Emis_25 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.56      | 0.60    | 0.80     | 0.94     |      |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.94                  | 0.56      | 0.60    | 0.80     | 0.94     |      |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     |      |
| SEASONAL PROFILE SEASONS | 451 Emis_26 |                       |           |         |          |          |      |
|                          |             | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |                       |           |         |          |          | 7    |
|                          |             |                       |           |         |          |          | JULY |
| SUBPERIODS               |             |                       |           |         |          |          |      |
| 1 WKDAY                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.89      | 1.00    | 0.61     | 0.46     | 0.64 |
| 2 WKNIGHT                |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 0.95                  | 0.89      | 1.00    | 0.61     | 0.46     | 0.64 |
| 3 WKEND                  |             |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |             | 1.00                  | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 |
| SEASONAL PROFILE SEASONS | 451 Emis_26 |                       |           |         |          |          |      |
|                          |             | 8                     | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |



## 1 A Input Summary.txt

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.53 | 0.57 | 0.76 | 0.90 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.89 | 0.53 | 0.57 | 0.76 | 0.90 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

452 Emis\_27

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.94 | 0.94 | 0.64 | 0.50 | 0.68 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.94 | 0.94 | 0.64 | 0.50 | 0.68 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE  
SEASONS

452 Emis\_27

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.56 | 0.60 | 0.80 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.56 | 0.60 | 0.80 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE  
SEASONS

453 Emis\_28

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.94 | 0.94 | 0.64 | 0.50 | 0.68 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.94 | 0.94 | 0.64 | 0.50 | 0.68 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE  
SEASONS

453 Emis\_28

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.56 | 0.60 | 0.80 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.94 | 0.56 | 0.60 | 0.80 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 |

SEASONAL PROFILE  
SEASONS

454 Emis\_29

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.94 | 0.94 | 0.64 | 0.50 | 0.68 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.94 | 0.94 | 0.64 | 0.50 | 0.68 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

1 A Input Summary.txt

|                                                                |             |         |           |         |          |                      |      |      |
|----------------------------------------------------------------|-------------|---------|-----------|---------|----------|----------------------|------|------|
| SEASONAL PROFILE SEASONS                                       | 454 Emis_29 | 8       | 9         | 10      | 11       | 12                   |      |      |
|                                                                |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER             |      |      |
| SUBPERIODS                                                     |             |         |           |         |          |                      |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |             | 0.94    | 0.56      | 0.60    | 0.80     | 0.94                 |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |             | 0.94    | 0.56      | 0.60    | 0.80     | 0.94                 |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00                 |      |      |
| SEASONAL PROFILE SEASONS                                       | 455 Emis_30 | 1       | 2         | 3       | 4        | 5                    | 6    | 7    |
|                                                                |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY                  | JUNE | JULY |
| SUBPERIODS                                                     |             |         |           |         |          |                      |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |             | 1.00    | 0.94      | 0.94    | 0.64     | 0.50                 | 0.68 | 0.97 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |             | 1.00    | 0.94      | 0.94    | 0.64     | 0.50                 | 0.68 | 0.97 |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00                 | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS                                       | 455 Emis_30 | 8       | 9         | 10      | 11       | 12                   |      |      |
|                                                                |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER             |      |      |
| SUBPERIODS                                                     |             |         |           |         |          |                      |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |             | 0.94    | 0.56      | 0.60    | 0.80     | 0.94                 |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |             | 0.94    | 0.56      | 0.60    | 0.80     | 0.94                 |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00                 |      |      |
| SEASONAL PROFILE SEASONS                                       | 456 Emis_31 | 1       | 2         | 3       | 4        | 5                    | 6    | 7    |
|                                                                |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY                  | JUNE | JULY |
| SUBPERIODS                                                     |             |         |           |         |          |                      |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |             | 1.00    | 0.94      | 0.94    | 0.64     | 0.50                 | 0.68 | 0.97 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |             | 1.00    | 0.94      | 0.94    | 0.64     | 0.50                 | 0.68 | 0.97 |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00                 | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS                                       | 456 Emis_31 | 8       | 9         | 10      | 11       | 12                   |      |      |
|                                                                |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER             |      |      |
| SUBPERIODS                                                     |             |         |           |         |          |                      |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |             | 0.94    | 0.56      | 0.60    | 0.80     | 0.94                 |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY                               |             | 0.94    | 0.56      | 0.60    | 0.80     | 0.94                 |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY                                 |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00                 |      |      |
| * 02/12/13 08:26:42 V04.0 R03.0                                |             |         |           |         |          |                      |      |      |
|                                                                |             |         |           |         |          | NewEnergy Associates |      |      |
|                                                                |             |         |           |         |          | Strategist           | Page | 123  |
| AEP EAST<br>GENERATION AND FUEL MODULE<br>INPUT SUMMARY REPORT |             |         |           |         |          |                      |      |      |
| QUALIFIER = GAF.INPUT.PARAMETERS.                              |             |         |           |         |          |                      |      |      |
| SEASONAL PROFILE SEASONS                                       | 457 Emis_32 | 1       | 2         | 3       | 4        | 5                    | 6    | 7    |
|                                                                |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY                  | JUNE | JULY |
| SUBPERIODS                                                     |             |         |           |         |          |                      |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY                                 |             | 1.00    | 0.94      | 0.94    | 0.64     | 0.50                 | 0.68 | 0.97 |

1 A Input Summary.txt

|                          |             |           |         |          |          |      |      |
|--------------------------|-------------|-----------|---------|----------|----------|------|------|
| 2                        | WKNIGHT     |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 3                        | WKEND       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 457 Emis_32 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1                        | WKDAY       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 2                        | WKNIGHT     |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 3                        | WKEND       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 458 Emis_33 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1                        | WKDAY       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 2                        | WKNIGHT     |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 3                        | WKEND       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 458 Emis_33 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1                        | WKDAY       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 2                        | WKNIGHT     |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 3                        | WKEND       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 459 Emis_34 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1                        | WKDAY       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 2                        | WKNIGHT     |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 3                        | WKEND       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     | 1.00 | 1.00 |
| SEASONAL PROFILE SEASONS | 459 Emis_34 |           |         |          |          |      |      |
|                          | 8           | 9         | 10      | 11       | 12       |      |      |
|                          | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1                        | WKDAY       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 2                        | WKNIGHT     |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.94        | 0.56      | 0.60    | 0.80     | 0.94     |      |      |
| 3                        | WKEND       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 1.00      | 1.00    | 1.00     | 1.00     |      |      |
| SEASONAL PROFILE SEASONS | 460 Emis_35 |           |         |          |          |      |      |
|                          | 1           | 2         | 3       | 4        | 5        | 6    | 7    |
|                          | JANUARY     | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |           |         |          |          |      |      |
| 1                        | WKDAY       |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.94      | 0.94    | 0.64     | 0.50     | 0.68 | 0.97 |
| 2                        | WKNIGHT     |           |         |          |          |      |      |

|                        |      |                                    |      |      |      |      |      |
|------------------------|------|------------------------------------|------|------|------|------|------|
| SEASONAL PROFILE ENTRY | 1.00 | 1 A Input Summary.txt<br>0.94 0.94 |      | 0.64 | 0.50 | 0.68 | 0.97 |
| 3 WKEND                |      |                                    |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00                               | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 460 Emis_35 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.56 | 0.60 | 0.80 | 0.94 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.56 | 0.60 | 0.80 | 0.94 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 465 EE_2011 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.76 | 0.76 | 0.67 | 0.63 | 0.87 | 0.98 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.76 | 0.76 | 0.67 | 0.63 | 0.87 | 0.98 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.97 | 0.76 | 0.76 | 0.67 | 0.63 | 0.87 | 0.98 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 465 EE_2011 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.70 | 0.73 | 0.86 | 0.90 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.70 | 0.73 | 0.86 | 0.90 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.70 | 0.73 | 0.86 | 0.90 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 466 EE_2012 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.75 | 0.76 | 0.67 | 0.67 | 0.96 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.75 | 0.76 | 0.67 | 0.67 | 0.96 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.98 | 0.75 | 0.76 | 0.67 | 0.67 | 0.96 | 1.00 |

|                          |             |        |           |         |          |          |  |
|--------------------------|-------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE SEASONS | 466 EE_2012 | 8      | 9         | 10      | 11       | 12       |  |
|                          |             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.74 | 0.71 | 0.83 | 0.97 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.74 | 0.71 | 0.83 | 0.97 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.94 | 0.74 | 0.71 | 0.83 | 0.97 |  |  |

|                          |             |         |          |       |       |     |      |      |
|--------------------------|-------------|---------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE SEASONS | 467 EE_2013 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|                          |             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

1 A Input Summary.txt

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.86 | 0.73 | 0.69 | 0.61 | 0.56 | 0.82 | 0.99 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.86 | 0.73 | 0.69 | 0.61 | 0.56 | 0.82 | 0.99 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.86 | 0.73 | 0.69 | 0.61 | 0.56 | 0.82 | 0.99 |

SEASONAL PROFILE  
SEASONS

|             |        |           |         |          |          |  |  |
|-------------|--------|-----------|---------|----------|----------|--|--|
| 467 EE_2013 | 8      | 9         | 10      | 11       | 12       |  |  |
|             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.88 | 0.64 | 0.81 | 0.86 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.88 | 0.64 | 0.81 | 0.86 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.88 | 0.64 | 0.81 | 0.86 |  |  |

SEASONAL PROFILE  
SEASONS

|             |         |          |       |       |     |      |      |
|-------------|---------|----------|-------|-------|-----|------|------|
| 468 EE_2014 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.80 | 0.68 | 0.64 | 0.56 | 0.54 | 0.83 | 0.88 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.80 | 0.68 | 0.64 | 0.56 | 0.54 | 0.83 | 0.88 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.80 | 0.68 | 0.64 | 0.56 | 0.54 | 0.83 | 0.88 |

SEASONAL PROFILE  
SEASONS

|             |        |           |         |          |          |  |  |
|-------------|--------|-----------|---------|----------|----------|--|--|
| 468 EE_2014 | 8      | 9         | 10      | 11       | 12       |  |  |
|             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.73 | 0.61 | 0.78 | 0.82 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.73 | 0.61 | 0.78 | 0.82 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.73 | 0.61 | 0.78 | 0.82 |  |  |

SEASONAL PROFILE  
SEASONS

|             |         |          |       |       |     |      |      |
|-------------|---------|----------|-------|-------|-----|------|------|
| 469 EE_2015 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.82 | 0.66 | 0.62 | 0.52 | 0.52 | 0.78 | 0.85 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.82 | 0.66 | 0.62 | 0.52 | 0.52 | 0.78 | 0.85 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.82 | 0.66 | 0.62 | 0.52 | 0.52 | 0.78 | 0.85 |

SEASONAL PROFILE  
SEASONS

|             |        |           |         |          |          |  |  |
|-------------|--------|-----------|---------|----------|----------|--|--|
| 469 EE_2015 | 8      | 9         | 10      | 11       | 12       |  |  |
|             | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.69 | 0.56 | 0.74 | 0.79 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.69 | 0.56 | 0.74 | 0.79 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.69 | 0.56 | 0.74 | 0.79 |  |  |

SEASONAL PROFILE  
SEASONS

|             |         |          |       |       |     |      |      |
|-------------|---------|----------|-------|-------|-----|------|------|
| 470 EE_2016 | 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|             | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

1 A Input Summary.txt

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.83 | 0.67 | 0.65 | 0.53 | 0.53 | 0.82 | 0.94 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.83 | 0.67 | 0.65 | 0.53 | 0.53 | 0.82 | 0.94 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.83 | 0.67 | 0.65 | 0.53 | 0.53 | 0.82 | 0.94 |

  

|                  |             |           |         |          |          |  |  |
|------------------|-------------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE | 470 EE_2016 |           |         |          |          |  |  |
| SEASONS          | 8           | 9         | 10      | 11       | 12       |  |  |
|                  | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.68 | 0.61 | 0.77 | 0.81 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.68 | 0.61 | 0.77 | 0.81 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.68 | 0.61 | 0.77 | 0.81 |  |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                  |             |          |       |       |     |      |      |
|------------------|-------------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE | 471 EE_2017 |          |       |       |     |      |      |
| SEASONS          | 1           | 2        | 3     | 4     | 5   | 6    | 7    |
|                  | JANUARY     | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.84 | 0.72 | 0.69 | 0.58 | 0.61 | 0.92 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.84 | 0.72 | 0.69 | 0.58 | 0.61 | 0.92 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.84 | 0.72 | 0.69 | 0.58 | 0.61 | 0.92 | 1.00 |

  

|                  |             |           |         |          |          |  |  |
|------------------|-------------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE | 471 EE_2017 |           |         |          |          |  |  |
| SEASONS          | 8           | 9         | 10      | 11       | 12       |  |  |
|                  | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.70 | 0.70 | 0.81 | 0.83 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.70 | 0.70 | 0.81 | 0.83 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 0.98 | 0.70 | 0.70 | 0.81 | 0.83 |  |  |

  

|                  |             |          |       |       |     |      |      |
|------------------|-------------|----------|-------|-------|-----|------|------|
| SEASONAL PROFILE | 472 EE_2018 |          |       |       |     |      |      |
| SEASONS          | 1           | 2        | 3     | 4     | 5   | 6    | 7    |
|                  | JANUARY     | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

SUBPERIODS

|                        |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.79 | 0.69 | 0.62 | 0.56 | 0.57 | 0.81 | 0.95 |
| 2 WKNIGHT              |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.79 | 0.69 | 0.62 | 0.56 | 0.57 | 0.81 | 0.95 |
| 3 WKEND                |      |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.79 | 0.69 | 0.62 | 0.56 | 0.57 | 0.81 | 0.95 |

  

|                  |             |           |         |          |          |  |  |
|------------------|-------------|-----------|---------|----------|----------|--|--|
| SEASONAL PROFILE | 472 EE_2018 |           |         |          |          |  |  |
| SEASONS          | 8           | 9         | 10      | 11       | 12       |  |  |
|                  | AUGUST      | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |  |

SUBPERIODS

|                        |      |      |      |      |      |  |  |
|------------------------|------|------|------|------|------|--|--|
| 1 WKDAY                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.73 | 0.65 | 0.71 | 0.85 |  |  |
| 2 WKNIGHT              |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.73 | 0.65 | 0.71 | 0.85 |  |  |
| 3 WKEND                |      |      |      |      |      |  |  |
| SEASONAL PROFILE ENTRY | 1.00 | 0.73 | 0.65 | 0.71 | 0.85 |  |  |

## 1 A Input Summary.txt

| SEASONAL PROFILE SEASONS |         | 473 EE_2019 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|--------------------------|---------|-------------|---------|-----------|---------|----------|----------|------|------|
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.80    | 0.69      | 0.64    | 0.55     | 0.53     | 0.82 | 0.98 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.80    | 0.69      | 0.64    | 0.55     | 0.53     | 0.82 | 0.98 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.80    | 0.69      | 0.64    | 0.55     | 0.53     | 0.82 | 0.98 |
|                          |         |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS |         | 473 EE_2019 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.71      | 0.62    | 0.75     | 0.83     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.71      | 0.62    | 0.75     | 0.83     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.71      | 0.62    | 0.75     | 0.83     |      |      |
|                          |         |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS |         | 474 EE_2020 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.76    | 0.65      | 0.60    | 0.52     | 0.51     | 0.83 | 0.90 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.76    | 0.65      | 0.60    | 0.52     | 0.51     | 0.83 | 0.90 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.76    | 0.65      | 0.60    | 0.52     | 0.51     | 0.83 | 0.90 |
|                          |         |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS |         | 474 EE_2020 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.67      | 0.59    | 0.73     | 0.78     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.67      | 0.59    | 0.73     | 0.78     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.67      | 0.59    | 0.73     | 0.78     |      |      |
|                          |         |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS |         | 475 EE_2021 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |         |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.76    | 0.68      | 0.63    | 0.53     | 0.53     | 0.87 | 1.00 |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.76    | 0.68      | 0.63    | 0.53     | 0.53     | 0.87 | 1.00 |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 0.76    | 0.68      | 0.63    | 0.53     | 0.53     | 0.87 | 1.00 |
|                          |         |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS |         | 475 EE_2021 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |         |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |         |             |         |           |         |          |          |      |      |
| 1                        | WKDAY   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.74      | 0.62    | 0.76     | 0.80     |      |      |
| 2                        | WKNIGHT |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.74      | 0.62    | 0.76     | 0.80     |      |      |
| 3                        | WKEND   |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |         |             | 1.00    | 0.74      | 0.62    | 0.76     | 0.80     |      |      |

1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                                  |             |         |           |         |          |          |      |      |
|----------------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS         | 476 EE_2022 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.77    | 0.68      | 0.62    | 0.54     | 0.52     | 0.85 | 0.98 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.77    | 0.68      | 0.62    | 0.54     | 0.52     | 0.85 | 0.98 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.77    | 0.68      | 0.62    | 0.54     | 0.52     | 0.85 | 0.98 |
| SEASONAL PROFILE SEASONS         | 476 EE_2022 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.69      | 0.60    | 0.75     | 0.79     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.69      | 0.60    | 0.75     | 0.79     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.69      | 0.60    | 0.75     | 0.79     |      |      |
| SEASONAL PROFILE SEASONS         | 477 EE_2023 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.76    | 0.67      | 0.62    | 0.53     | 0.52     | 0.86 | 0.99 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.76    | 0.67      | 0.62    | 0.53     | 0.52     | 0.86 | 0.99 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.76    | 0.67      | 0.62    | 0.53     | 0.52     | 0.86 | 0.99 |
| SEASONAL PROFILE SEASONS         | 477 EE_2023 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.73      | 0.64    | 0.76     | 0.79     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.73      | 0.64    | 0.76     | 0.79     |      |      |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 1.00    | 0.73      | 0.64    | 0.76     | 0.79     |      |      |
| SEASONAL PROFILE SEASONS         | 478 EE_2024 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                                  |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 0.74    | 0.67      | 0.62    | 0.53     | 0.52     | 0.80 | 0.95 |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 0.74    | 0.67      | 0.62    | 0.53     | 0.52     | 0.80 | 0.95 |
| 3 WKEND SEASONAL PROFILE ENTRY   |             | 0.74    | 0.67      | 0.62    | 0.53     | 0.52     | 0.80 | 0.95 |
| SEASONAL PROFILE SEASONS         | 478 EE_2024 | 8       | 9         | 10      | 11       | 12       |      |      |
|                                  |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS                       |             |         |           |         |          |          |      |      |
| 1 WKDAY SEASONAL PROFILE ENTRY   |             | 1.00    | 0.73      | 0.60    | 0.74     | 0.77     |      |      |
| 2 WKNIGHT SEASONAL PROFILE ENTRY |             | 1.00    | 0.73      | 0.60    | 0.74     | 0.77     |      |      |



|                               |         |                       |         |         |           |         |          |                      |      |      |
|-------------------------------|---------|-----------------------|---------|---------|-----------|---------|----------|----------------------|------|------|
|                               |         | 1 A Input Summary.txt |         |         |           |         |          |                      |      |      |
| 3                             | WKEND   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 1.00                  | 0.73    | 0.60    | 0.74      | 0.77    |          |                      |      |      |
|                               |         |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE SEASONS      |         | 479                   | EE_2025 | 1       | 2         | 3       | 4        | 5                    | 6    | 7    |
|                               |         |                       |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY                  | JUNE | JULY |
| SUBPERIODS                    |         |                       |         |         |           |         |          |                      |      |      |
| 1                             | WKDAY   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 0.74                  | 0.66    | 0.62    | 0.53      | 0.52    | 0.79     | 0.93                 |      |      |
| 2                             | WKNIGHT |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 0.74                  | 0.66    | 0.62    | 0.53      | 0.52    | 0.79     | 0.93                 |      |      |
| 3                             | WKEND   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 0.74                  | 0.66    | 0.62    | 0.53      | 0.52    | 0.79     | 0.93                 |      |      |
|                               |         |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE SEASONS      |         | 479                   | EE_2025 | 8       | 9         | 10      | 11       | 12                   |      |      |
|                               |         |                       |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER             |      |      |
| SUBPERIODS                    |         |                       |         |         |           |         |          |                      |      |      |
| 1                             | WKDAY   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 1.00                  | 0.73    | 0.60    | 0.74      | 0.77    |          |                      |      |      |
| 2                             | WKNIGHT |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 1.00                  | 0.73    | 0.60    | 0.74      | 0.77    |          |                      |      |      |
| 3                             | WKEND   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 1.00                  | 0.73    | 0.60    | 0.74      | 0.77    |          |                      |      |      |
|                               |         |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE SEASONS      |         | 480                   | EE_2026 | 1       | 2         | 3       | 4        | 5                    | 6    | 7    |
|                               |         |                       |         | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY                  | JUNE | JULY |
| SUBPERIODS                    |         |                       |         |         |           |         |          |                      |      |      |
| 1                             | WKDAY   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 0.75                  | 0.67    | 0.62    | 0.53      | 0.52    | 0.81     | 0.95                 |      |      |
| 2                             | WKNIGHT |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 0.75                  | 0.67    | 0.62    | 0.53      | 0.52    | 0.81     | 0.95                 |      |      |
| 3                             | WKEND   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 0.75                  | 0.67    | 0.62    | 0.53      | 0.52    | 0.81     | 0.95                 |      |      |
|                               |         |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE SEASONS      |         | 480                   | EE_2026 | 8       | 9         | 10      | 11       | 12                   |      |      |
|                               |         |                       |         | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER             |      |      |
| SUBPERIODS                    |         |                       |         |         |           |         |          |                      |      |      |
| 1                             | WKDAY   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 1.00                  | 0.72    | 0.60    | 0.75      | 0.78    |          |                      |      |      |
| 2                             | WKNIGHT |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 1.00                  | 0.72    | 0.60    | 0.75      | 0.78    |          |                      |      |      |
| 3                             | WKEND   |                       |         |         |           |         |          |                      |      |      |
| SEASONAL PROFILE ENTRY        |         | 1.00                  | 0.72    | 0.60    | 0.75      | 0.78    |          |                      |      |      |
| 02/12/13 08:26:43 V04.0 R03.0 |         |                       |         |         |           |         |          |                      |      |      |
|                               |         |                       |         |         |           |         |          | NewEnergy Associates |      |      |
|                               |         |                       |         |         |           |         |          | Strategist           |      | Page |
|                               |         |                       |         |         |           |         |          |                      |      | 127  |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 481 EE_2027 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1 WKDAY                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 0.75    | 0.67      | 0.62    | 0.53     | 0.52     | 0.81 | 0.94 |
| 2 WKNIGHT                |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 0.75    | 0.67      | 0.62    | 0.53     | 0.52     | 0.81 | 0.94 |
| 3 WKEND                  |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   |             | 0.75    | 0.67      | 0.62    | 0.53     | 0.52     | 0.81 | 0.94 |
|                          |             |         |           |         |          |          |      |      |
| SEASONAL PROFILE SEASONS | 481 EE_2027 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |         |           |         |          |          |      |      |

1 A Input Summary.txt

|                          |             |             |            |             |             |        |        |
|--------------------------|-------------|-------------|------------|-------------|-------------|--------|--------|
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.71        | 0.60       | 0.75        | 0.78        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.71        | 0.60       | 0.75        | 0.78        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.71        | 0.60       | 0.75        | 0.78        |        |        |
| SEASONAL PROFILE SEASONS | 482 EE_2028 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.67        | 0.62       | 0.54        | 0.53        | 0.87   | 1.00   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.67        | 0.62       | 0.54        | 0.53        | 0.87   | 1.00   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.67        | 0.62       | 0.54        | 0.53        | 0.87   | 1.00   |
| SEASONAL PROFILE SEASONS | 482 EE_2028 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.69        | 0.61       | 0.76        | 0.80        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.69        | 0.61       | 0.76        | 0.80        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.99        | 0.69        | 0.61       | 0.76        | 0.80        |        |        |
| SEASONAL PROFILE SEASONS | 483 EE_2029 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.73        | 0.67        | 0.62       | 0.53        | 0.52        | 0.78   | 0.95   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.73        | 0.67        | 0.62       | 0.53        | 0.52        | 0.78   | 0.95   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.73        | 0.67        | 0.62       | 0.53        | 0.52        | 0.78   | 0.95   |
| SEASONAL PROFILE SEASONS | 483 EE_2029 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.73        | 0.60       | 0.73        | 0.77        |        |        |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.73        | 0.60       | 0.73        | 0.77        |        |        |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.73        | 0.60       | 0.73        | 0.77        |        |        |
| SEASONAL PROFILE SEASONS | 484 EE_2030 |             |            |             |             |        |        |
|                          | 1 JANUARY   | 2 FEBRUARY  | 3 MARCH    | 4 APRIL     | 5 MAY       | 6 JUNE | 7 JULY |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68        | 0.63       | 0.54        | 0.52        | 0.80   | 0.97   |
| 2 WKNIGHT                |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68        | 0.63       | 0.54        | 0.52        | 0.80   | 0.97   |
| 3 WKEND                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68        | 0.63       | 0.54        | 0.52        | 0.80   | 0.97   |
| SEASONAL PROFILE SEASONS | 484 EE_2030 |             |            |             |             |        |        |
|                          | 8 AUGUST    | 9 SEPTEMBER | 10 OCTOBER | 11 NOVEMBER | 12 DECEMBER |        |        |
| SUBPERIODS               |             |             |            |             |             |        |        |
| 1 WKDAY                  |             |             |            |             |             |        |        |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.74        | 0.60       | 0.75        | 0.78        |        |        |

1 A Input Summary.txt

|                          |             |         |           |         |          |          |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.74    | 0.60      | 0.75    | 0.78     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.74    | 0.60      | 0.75    | 0.78     |          |      |
| SEASONAL PROFILE SEASONS | 485 EE_2031 | 1       | 2         | 3       | 4        | 5        | 6    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
|                          |             |         |           |         |          |          | 7    |
|                          |             |         |           |         |          |          | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.52     | 0.79     | 0.97 |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.52     | 0.79     | 0.97 |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.52     | 0.79     | 0.97 |
| SEASONAL PROFILE SEASONS | 485 EE_2031 | 8       | 9         | 10      | 11       | 12       |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |             |         |           |         |          |          |      |
| 1                        | WKDAY       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.75    | 0.60      | 0.75    | 0.78     |          |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.75    | 0.60      | 0.75    | 0.78     |          |      |
| 3                        | WKEND       |         |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.75    | 0.60      | 0.75    | 0.78     |          |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

|                          |             |         |           |         |          |          |      |      |
|--------------------------|-------------|---------|-----------|---------|----------|----------|------|------|
| SEASONAL PROFILE SEASONS | 486 EE_2032 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.53     | 0.79     | 0.98 |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.53     | 0.79     | 0.98 |      |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.53     | 0.79     | 0.98 |      |
| SEASONAL PROFILE SEASONS | 486 EE_2032 | 8       | 9         | 10      | 11       | 12       |      |      |
|                          |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |      |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.76    | 0.60      | 0.75    | 0.78     |          |      |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.76    | 0.60      | 0.75    | 0.78     |          |      |      |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 1.00        | 0.76    | 0.60      | 0.75    | 0.78     |          |      |      |
| SEASONAL PROFILE SEASONS | 487 EE_2033 | 1       | 2         | 3       | 4        | 5        | 6    | 7    |
|                          |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE | JULY |
| SUBPERIODS               |             |         |           |         |          |          |      |      |
| 1                        | WKDAY       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.52     | 0.77     | 0.98 |      |
| 2                        | WKNIGHT     |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.52     | 0.77     | 0.98 |      |
| 3                        | WKEND       |         |           |         |          |          |      |      |
| SEASONAL PROFILE ENTRY   | 0.75        | 0.68    | 0.63      | 0.54    | 0.52     | 0.77     | 0.98 |      |
| SEASONAL PROFILE SEASONS | 487 EE_2033 | 8       | 9         | 10      | 11       | 12       |      |      |

|                          |         | 1 A Input Summary.txt |           |         |          |          |      |
|--------------------------|---------|-----------------------|-----------|---------|----------|----------|------|
|                          |         | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |         |                       |           |         |          |          |      |
| 1                        | WKDAY   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.77      | 0.60    | 0.74     | 0.77     |      |
| 2                        | WKNIGHT |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.77      | 0.60    | 0.74     | 0.77     |      |
| 3                        | WKEND   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.77      | 0.60    | 0.74     | 0.77     |      |
| SEASONAL PROFILE SEASONS |         | 488 EE_2034           |           |         |          |          |      |
|                          |         | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |         | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |         |                       |           |         |          |          |      |
| 1                        | WKDAY   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.68      | 0.63    | 0.54     | 0.52     | 0.77 |
| 2                        | WKNIGHT |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.68      | 0.63    | 0.54     | 0.52     | 0.77 |
| 3                        | WKEND   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.68      | 0.63    | 0.54     | 0.52     | 0.77 |
| SEASONAL PROFILE SEASONS |         | 488 EE_2034           |           |         |          |          |      |
|                          |         | 8                     | 9         | 10      | 11       | 12       |      |
|                          |         | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |         |                       |           |         |          |          |      |
| 1                        | WKDAY   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.78      | 0.60    | 0.75     | 0.77     |      |
| 2                        | WKNIGHT |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.78      | 0.60    | 0.75     | 0.77     |      |
| 3                        | WKEND   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.78      | 0.60    | 0.75     | 0.77     |      |
| SEASONAL PROFILE SEASONS |         | 489 EE_2035           |           |         |          |          |      |
|                          |         | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |         | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |         |                       |           |         |          |          |      |
| 1                        | WKDAY   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.69      | 0.63    | 0.54     | 0.53     | 0.77 |
| 2                        | WKNIGHT |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.69      | 0.63    | 0.54     | 0.53     | 0.77 |
| 3                        | WKEND   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.69      | 0.63    | 0.54     | 0.53     | 0.77 |
| SEASONAL PROFILE SEASONS |         | 489 EE_2035           |           |         |          |          |      |
|                          |         | 8                     | 9         | 10      | 11       | 12       |      |
|                          |         | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |
| SUBPERIODS               |         |                       |           |         |          |          |      |
| 1                        | WKDAY   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.79      | 0.60    | 0.75     | 0.77     |      |
| 2                        | WKNIGHT |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.79      | 0.60    | 0.75     | 0.77     |      |
| 3                        | WKEND   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 1.00                  | 0.79      | 0.60    | 0.75     | 0.77     |      |
| SEASONAL PROFILE SEASONS |         | 490 EE_2036           |           |         |          |          |      |
|                          |         | 1                     | 2         | 3       | 4        | 5        | 6    |
|                          |         | JANUARY               | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE |
| SUBPERIODS               |         |                       |           |         |          |          |      |
| 1                        | WKDAY   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.69      | 0.64    | 0.54     | 0.53     | 0.76 |
| 2                        | WKNIGHT |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.69      | 0.64    | 0.54     | 0.53     | 0.76 |
| 3                        | WKEND   |                       |           |         |          |          |      |
| SEASONAL PROFILE ENTRY   |         | 0.75                  | 0.69      | 0.64    | 0.54     | 0.53     | 0.76 |
| SEASONAL PROFILE SEASONS |         | 490 EE_2036           |           |         |          |          |      |
|                          |         | 8                     | 9         | 10      | 11       | 12       |      |
|                          |         | AUGUST                | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |      |

## 1 A Input Summary.txt

## SUBPERIODS

|                        |      |      |      |      |      |
|------------------------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.81 | 0.59 | 0.75 | 0.77 |
| 2 WKNIGHT              |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.81 | 0.59 | 0.75 | 0.77 |
| 3 WKEND                |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.81 | 0.59 | 0.75 | 0.77 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE  
SEASONS

491 EE\_2037

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.53 | 0.75 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.53 | 0.75 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.53 | 0.75 |

SEASONAL PROFILE  
SEASONS

491 EE\_2037

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.82 | 0.59 | 0.75 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.82 | 0.59 | 0.75 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.82 | 0.59 | 0.75 |

SEASONAL PROFILE  
SEASONS

492 EE\_2038

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.53 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.53 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.53 | 1.00 |

SEASONAL PROFILE  
SEASONS

492 EE\_2038

| 8      | 9         | 10      | 11       | 12       |
|--------|-----------|---------|----------|----------|
| AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |

## SUBPERIODS

|                        |      |      |      |      |
|------------------------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.83 | 0.59 | 0.75 |
| 2 WKNIGHT              |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.83 | 0.59 | 0.75 |
| 3 WKEND                |      |      |      |      |
| SEASONAL PROFILE ENTRY | 1.00 | 0.83 | 0.59 | 0.75 |

SEASONAL PROFILE  
SEASONS

493 EE\_2039

| 1       | 2        | 3     | 4     | 5   | 6    | 7    |
|---------|----------|-------|-------|-----|------|------|
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY |

## SUBPERIODS

|                        |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|
| 1 WKDAY                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.52 | 1.00 |
| 2 WKNIGHT              |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.52 | 1.00 |
| 3 WKEND                |      |      |      |      |      |      |
| SEASONAL PROFILE ENTRY | 0.75 | 0.69 | 0.64 | 0.54 | 0.52 | 1.00 |

1 A Input Summary.txt

|                                                                |             |         |           |         |          |          |         |                                             |
|----------------------------------------------------------------|-------------|---------|-----------|---------|----------|----------|---------|---------------------------------------------|
| SEASONAL PROFILE SEASONS                                       | 493 EE_2039 | 8       | 9         | 10      | 11       | 12       |         |                                             |
|                                                                |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |         |                                             |
| SUBPERIODS                                                     |             |         |           |         |          |          |         |                                             |
| 1 WKDAY                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 0.84      | 0.59    | 0.75     | 0.76     |         |                                             |
| 2 WKNIGHT                                                      |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 0.84      | 0.59    | 0.75     | 0.76     |         |                                             |
| 3 WKEND                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 0.84      | 0.59    | 0.75     | 0.76     |         |                                             |
| SEASONAL PROFILE SEASONS                                       | 494 EE_2040 | 1       | 2         | 3       | 4        | 5        | 6       | 7                                           |
|                                                                |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE    | JULY                                        |
| SUBPERIODS                                                     |             |         |           |         |          |          |         |                                             |
| 1 WKDAY                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 0.75    | 0.69      | 0.64    | 0.54     | 0.52     | 0.73    | 1.00                                        |
| 2 WKNIGHT                                                      |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 0.75    | 0.69      | 0.64    | 0.54     | 0.52     | 0.73    | 1.00                                        |
| 3 WKEND                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 0.75    | 0.69      | 0.64    | 0.54     | 0.52     | 0.73    | 1.00                                        |
| SEASONAL PROFILE SEASONS                                       | 494 EE_2040 | 8       | 9         | 10      | 11       | 12       |         |                                             |
|                                                                |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |         |                                             |
| SUBPERIODS                                                     |             |         |           |         |          |          |         |                                             |
| 1 WKDAY                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 0.85      | 0.59    | 0.75     | 0.75     |         |                                             |
| 2 WKNIGHT                                                      |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 0.85      | 0.59    | 0.75     | 0.75     |         |                                             |
| 3 WKEND                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 0.85      | 0.59    | 0.75     | 0.75     |         |                                             |
| SEASONAL PROFILE SEASONS                                       | 749 NOX_11  | 1       | 2         | 3       | 4        | 5        | 6       | 7                                           |
|                                                                |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE    | JULY                                        |
| SUBPERIODS                                                     |             |         |           |         |          |          |         |                                             |
| 1 WKDAY                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 2800.00 | 2800.00   | 2800.00 | 2800.00  | 2000.00  | 2000.00 | 2000.00                                     |
| 2 WKNIGHT                                                      |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 2800.00 | 2800.00   | 2800.00 | 2800.00  | 2000.00  | 2000.00 | 2000.00                                     |
| 3 WKEND                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     | 1.00    | 1.00                                        |
| SEASONAL PROFILE SEASONS                                       | 749 NOX_11  | 8       | 9         | 10      | 11       | 12       |         |                                             |
|                                                                |             | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |         |                                             |
| SUBPERIODS                                                     |             |         |           |         |          |          |         |                                             |
| 1 WKDAY                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 2000.00 | 2000.00   | 2800.00 | 2800.00  | 2800.00  |         |                                             |
| 2 WKNIGHT                                                      |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 2000.00 | 2000.00   | 2800.00 | 2800.00  | 2800.00  |         |                                             |
| 3 WKEND                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 1.00    | 1.00      | 1.00    | 1.00     | 1.00     |         |                                             |
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| AEP EAST<br>GENERATION AND FUEL MODULE<br>INPUT SUMMARY REPORT |             |         |           |         |          |          |         |                                             |
| QUALIFIER = GAF.INPUT.PARAMETERS.                              |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE SEASONS                                       | 750 NOX_12  | 1       | 2         | 3       | 4        | 5        | 6       | 7                                           |
|                                                                |             | JANUARY | FEBRUARY  | MARCH   | APRIL    | MAY      | JUNE    | JULY                                        |
| SUBPERIODS                                                     |             |         |           |         |          |          |         |                                             |
| 1 WKDAY                                                        |             |         |           |         |          |          |         |                                             |
| SEASONAL PROFILE ENTRY                                         |             | 2500.00 | 2500.00   | 2500.00 | 2500.00  | 2000.00  | 2000.00 | 2000.00                                     |

1 A Input Summary.txt

|                        |         |         |         |         |         |         |         |
|------------------------|---------|---------|---------|---------|---------|---------|---------|
| 2 WKNIGHT              |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 2500.00 | 2500.00 | 2500.00 | 2500.00 | 2000.00 | 2000.00 | 2000.00 |
| 3 WKEND                |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    |

|                  |            |        |           |         |          |          |  |
|------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 750 NOX_12 |        |           |         |          |          |  |
| SEASONS          |            | 8      | 9         | 10      | 11       | 12       |  |
|                  |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |         |         |         |         |         |  |  |
|------------------------|---------|---------|---------|---------|---------|--|--|
| 1 WKDAY                |         |         |         |         |         |  |  |
| SEASONAL PROFILE ENTRY | 2000.00 | 2500.00 | 2500.00 | 2500.00 | 2500.00 |  |  |
| 2 WKNIGHT              |         |         |         |         |         |  |  |
| SEASONAL PROFILE ENTRY | 2000.00 | 2500.00 | 2500.00 | 2500.00 | 2500.00 |  |  |
| 3 WKEND                |         |         |         |         |         |  |  |
| SEASONAL PROFILE ENTRY | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    |  |  |

|                  |              |         |          |       |       |     |      |
|------------------|--------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 751 NOX13_14 |         |          |       |       |     |      |
| SEASONS          |              | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |              | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |              |         |          |       |       |     | 7    |
|                  |              |         |          |       |       |     | JULY |

SUBPERIODS

|                        |         |         |         |         |         |         |         |
|------------------------|---------|---------|---------|---------|---------|---------|---------|
| 1 WKDAY                |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 2200.00 | 2200.00 | 2200.00 | 2200.00 | 2000.00 | 2000.00 | 2000.00 |
| 2 WKNIGHT              |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 2200.00 | 2200.00 | 2200.00 | 2200.00 | 2000.00 | 2000.00 | 2000.00 |
| 3 WKEND                |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    |

|                  |              |        |           |         |          |          |  |
|------------------|--------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 751 NOX13_14 |        |           |         |          |          |  |
| SEASONS          |              | 8      | 9         | 10      | 11       | 12       |  |
|                  |              | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |         |         |         |         |         |  |  |
|------------------------|---------|---------|---------|---------|---------|--|--|
| 1 WKDAY                |         |         |         |         |         |  |  |
| SEASONAL PROFILE ENTRY | 2000.00 | 2000.00 | 2200.00 | 2200.00 | 2200.00 |  |  |
| 2 WKNIGHT              |         |         |         |         |         |  |  |
| SEASONAL PROFILE ENTRY | 2000.00 | 2000.00 | 2200.00 | 2200.00 | 2200.00 |  |  |
| 3 WKEND                |         |         |         |         |         |  |  |
| SEASONAL PROFILE ENTRY | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    |  |  |

|                  |            |         |          |       |       |     |      |
|------------------|------------|---------|----------|-------|-------|-----|------|
| SEASONAL PROFILE | 752 NOX_15 |         |          |       |       |     |      |
| SEASONS          |            | 1       | 2        | 3     | 4     | 5   | 6    |
|                  |            | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE |
|                  |            |         |          |       |       |     | 7    |
|                  |            |         |          |       |       |     | JULY |

SUBPERIODS

|                        |         |         |         |         |         |         |         |
|------------------------|---------|---------|---------|---------|---------|---------|---------|
| 1 WKDAY                |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 2300.00 | 2300.00 | 2300.00 | 2300.00 | 2000.00 | 2000.00 | 2000.00 |
| 2 WKNIGHT              |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 2300.00 | 2300.00 | 2300.00 | 2300.00 | 2000.00 | 2000.00 | 2000.00 |
| 3 WKEND                |         |         |         |         |         |         |         |
| SEASONAL PROFILE ENTRY | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    |

|                  |            |        |           |         |          |          |  |
|------------------|------------|--------|-----------|---------|----------|----------|--|
| SEASONAL PROFILE | 752 NOX_15 |        |           |         |          |          |  |
| SEASONS          |            | 8      | 9         | 10      | 11       | 12       |  |
|                  |            | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |  |

SUBPERIODS

|                        |         |         |         |         |         |         |  |
|------------------------|---------|---------|---------|---------|---------|---------|--|
| 1 WKDAY                |         |         |         |         |         |         |  |
| SEASONAL PROFILE ENTRY | 2000.00 | 2300.00 | 2300.00 | 2300.00 | 2300.00 | 2300.00 |  |
| 2 WKNIGHT              |         |         |         |         |         |         |  |
| SEASONAL PROFILE ENTRY | 2000.00 | 2300.00 | 2300.00 | 2300.00 | 2300.00 | 2300.00 |  |
| 3 WKEND                |         |         |         |         |         |         |  |
| SEASONAL PROFILE ENTRY | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.COMPANY.

|                      |          |     |      |      |
|----------------------|----------|-----|------|------|
| GENERATING COMPANIES | 1        | 2   | 3    | 4    |
|                      | OPCO+CSP | I&M | APCO | KPCO |

## 1 A Input Summary.txt

|                                  |   |      |      |      |      |
|----------------------------------|---|------|------|------|------|
| DEFERRAL CAPACITY SWITCH         |   | 3    | 3    | 3    | 3    |
| DEFERRAL CAPACITY WEIGHTING      | % | 0.00 | 0.00 | 0.00 | 0.00 |
| EMERGENCY AIR BASIN POINTER      |   | 1    | 1    | 1    | 1    |
| ESCALATION DUMP ENERGY PRICE     |   |      |      |      |      |
| ESCALATION EMERGENCY CUST IMPACT |   |      |      |      |      |
| ESCALATION EMERGENCY DISP COST   |   |      |      |      |      |
| ESCALATION EMERGENCY ENERGY COST |   |      |      |      |      |
| MARGINAL COST CURVE SELECTION    |   | 1    | 1    | 1    | 1    |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.COMPANY.

| GENERATING COMPANIES         |           | 1               | 2           | 3           | 4           |
|------------------------------|-----------|-----------------|-------------|-------------|-------------|
|                              |           | OPCO+CSP        | I&M         | APCO        | KPCO        |
| ----- YEAR 2011 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -669.00         | -687.00     | -347.00     | -9.00       |
| COMMITMENT LEVEL             | %-MW      | 65.00           | 65.00       | 65.00       | 0.00        |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 17.48           | 17.48       | 17.48       | 17.48       |
| EMERGENCY CUSTOMER IMPACT    | \$/MWH    | -1.00           | -1.00       | -1.00       | -1.00       |
| EMERGENCY DISPATCH COST      | \$/MWH    | -1.00           | -1.00       | -1.00       | -1.00       |
| EMERGENCY DISPATCH PROFILE   |           | 0               | 0           | 0           | 0           |
| EMERGENCY ENERGY COST        | \$/MWH    | 88.43           | 88.43       | 88.43       | 88.43       |
| EMERGENCY ENERGY PROFILE     |           | 465             | 465         | 465         | 465         |
| INTERRUPTIBLE LOAD           | MW        | 0.00            | 0.00        | 0.00        | 0.00        |
| MAXIMUM SURPLUS CAPACITY     | MW        | -1.00           | -1.00       | -1.00       | -1.00       |
| MAXIMUM SURPLUS PROFILE      |           | 0               | 0           | 0           | 0           |
| PEAK ADJUSTMENT              | MW        | 678.00          | -357.00     | -1146.00    | -171.00     |
| RELIABILITY TARGET           | HOURL/GWH | 0.00            | 0.00        | 0.00        | 0.00        |
| RESERVE MARGIN TARGET        | MW-%      | -12.99999899648 | 99999899648 | 99999899648 | 99999899648 |
| SEASONAL RMU PROFILE         |           | 0               | 0           | 0           | 0           |
| SPINNING RESERVE REQUIREMENT | %-MW      | 4.50            | 4.50        | 4.50        | 0.00        |
| ----- YEAR 2012 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -508.00         | -35.00      | -224.00     | -9.00       |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 17.80           | 17.80       | 17.80       | 17.80       |
| EMERGENCY ENERGY COST        | \$/MWH    | 92.14           | 92.14       | 92.14       | 92.14       |
| EMERGENCY ENERGY PROFILE     |           | 466             | 466         | 466         | 466         |
| PEAK ADJUSTMENT              | MW        | 1294.00         | -323.00     | -954.00     | -171.00     |
| ----- YEAR 2013 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -857.00         | -10.00      | 219.00      | -17.00      |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 17.93           | 17.93       | 17.93       | 17.93       |
| EMERGENCY ENERGY COST        | \$/MWH    | 101.97          | 101.97      | 101.97      | 101.97      |
| EMERGENCY ENERGY PROFILE     |           | 467             | 467         | 467         | 467         |
| PEAK ADJUSTMENT              | MW        | 1395.00         | -297.00     | -959.00     | -295.00     |
| ----- YEAR 2014 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -762.00         | -54.00      | -167.00     | 12.00       |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 18.23           | 18.23       | 18.23       | 18.23       |
| EMERGENCY ENERGY COST        | \$/MWH    | 108.27          | 108.27      | 108.27      | 108.27      |
| EMERGENCY ENERGY PROFILE     |           | 468             | 468         | 468         | 468         |
| PEAK ADJUSTMENT              | MW        | 1174.00         | -264.00     | -1082.00    | -277.00     |
| ----- YEAR 2015 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -773.00         | 163.00      | -506.00     | -2.00       |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 18.53           | 18.53       | 18.53       | 18.53       |
| EMERGENCY ENERGY COST        | \$/MWH    | 119.97          | 119.97      | 119.97      | 119.97      |
| EMERGENCY ENERGY PROFILE     |           | 469             | 469         | 469         | 469         |
| PEAK ADJUSTMENT              | MW        | 1119.00         | -357.00     | -1109.00    | -258.00     |
| ----- YEAR 2016 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -479.00         | 196.00      | -425.00     | -21.00      |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 18.84           | 18.84       | 18.84       | 18.84       |
| EMERGENCY ENERGY COST        | \$/MWH    | 134.65          | 134.65      | 134.65      | 134.65      |
| EMERGENCY ENERGY PROFILE     |           | 470             | 470         | 470         | 470         |
| PEAK ADJUSTMENT              | MW        | 1038.00         | -358.00     | -1165.00    | -279.00     |
| ----- YEAR 2017 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -496.00         | 61.00       | -491.00     | -58.00      |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 19.15           | 19.15       | 19.15       | 19.15       |
| EMERGENCY ENERGY COST        | \$/MWH    | 130.38          | 130.38      | 130.38      | 130.38      |
| EMERGENCY ENERGY PROFILE     |           | 471             | 471         | 471         | 471         |
| PEAK ADJUSTMENT              | MW        | 976.00          | -383.00     | -1183.00    | -297.00     |
| ----- YEAR 2018 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -462.00         | 59.00       | -493.00     | -37.00      |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 19.46           | 19.46       | 19.46       | 19.46       |
| EMERGENCY ENERGY COST        | \$/MWH    | 137.69          | 137.69      | 137.69      | 137.69      |
| EMERGENCY ENERGY PROFILE     |           | 472             | 472         | 472         | 472         |
| PEAK ADJUSTMENT              | MW        | 964.00          | -400.00     | -1172.00    | -300.00     |
| ----- YEAR 2019 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -268.00         | 40.00       | -493.00     | -46.00      |
| DUMP ENERGY SALE PRICE       | \$/MWH    | 19.79           | 19.79       | 19.79       | 19.79       |
| EMERGENCY ENERGY COST        | \$/MWH    | 140.70          | 140.70      | 140.70      | 140.70      |
| EMERGENCY ENERGY PROFILE     |           | 473             | 473         | 473         | 473         |
| PEAK ADJUSTMENT              | MW        | 997.00          | -415.00     | -1164.00    | -305.00     |
| ----- YEAR 2020 -----        |           |                 |             |             |             |
| CAPABILITY ADJUSTMENT        | MW        | -255.00         | 40.00       | -492.00     | -45.00      |



|                          |        | 1 A Input Summary.txt |         |          |         |
|--------------------------|--------|-----------------------|---------|----------|---------|
| DUMP ENERGY SALE PRICE   | \$/MWH | 20.11                 | 20.11   | 20.11    | 20.11   |
| EMERGENCY ENERGY COST    | \$/MWH | 148.61                | 148.61  | 148.61   | 148.61  |
| EMERGENCY ENERGY PROFILE |        | 474                   | 474     | 474      | 474     |
| PEAK ADJUSTMENT          | MW     | 1064.00               | -453.00 | -1146.00 | -303.00 |
| ----- YEAR 2021 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -255.00               | 30.00   | -619.00  | -42.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 20.45                 | 20.45   | 20.45    | 20.45   |
| EMERGENCY ENERGY COST    | \$/MWH | 141.38                | 141.38  | 141.38   | 141.38  |
| EMERGENCY ENERGY PROFILE |        | 475                   | 475     | 475      | 475     |
| PEAK ADJUSTMENT          | MW     | 1063.00               | -506.00 | -1147.00 | -305.00 |
| ----- YEAR 2022 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -442.00               | 19.00   | -495.00  | -43.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 20.79                 | 20.79   | 20.79    | 20.79   |
| EMERGENCY ENERGY COST    | \$/MWH | 160.73                | 160.73  | 160.73   | 160.73  |
| EMERGENCY ENERGY PROFILE |        | 476                   | 476     | 476      | 476     |
| PEAK ADJUSTMENT          | MW     | 1016.00               | -553.00 | -1135.00 | -304.00 |
| ----- YEAR 2023 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -262.00               | 12.00   | -495.00  | -39.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 21.13                 | 21.13   | 21.13    | 21.13   |
| EMERGENCY ENERGY COST    | \$/MWH | 165.14                | 165.14  | 165.14   | 165.14  |
| EMERGENCY ENERGY PROFILE |        | 477                   | 477     | 477      | 477     |
| PEAK ADJUSTMENT          | MW     | 982.00                | -583.00 | -1095.00 | -308.00 |
| ----- YEAR 2024 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -379.00               | 0.00    | -547.00  | -41.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 21.48                 | 21.48   | 21.48    | 21.48   |
| EMERGENCY ENERGY COST    | \$/MWH | 168.72                | 168.72  | 168.72   | 168.72  |
| EMERGENCY ENERGY PROFILE |        | 478                   | 478     | 478      | 478     |
| PEAK ADJUSTMENT          | MW     | 953.00                | -607.00 | -1079.00 | -306.00 |
| ----- YEAR 2025 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -265.00               | -8.00   | -489.00  | -41.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 21.84                 | 21.84   | 21.84    | 21.84   |
| EMERGENCY ENERGY COST    | \$/MWH | 174.95                | 174.95  | 174.95   | 174.95  |
| EMERGENCY ENERGY PROFILE |        | 479                   | 479     | 479      | 479     |
| PEAK ADJUSTMENT          | MW     | 937.00                | -625.00 | -1076.00 | -306.00 |
| ----- YEAR 2026 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -301.00               | -27.00  | -489.00  | -41.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 22.20                 | 22.20   | 22.20    | 22.20   |
| EMERGENCY ENERGY COST    | \$/MWH | 172.17                | 172.17  | 172.17   | 172.17  |
| EMERGENCY ENERGY PROFILE |        | 480                   | 480     | 480      | 480     |
| PEAK ADJUSTMENT          | MW     | -44.00                | -639.00 | -1069.00 | -305.00 |
| ----- YEAR 2027 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -301.00               | -33.00  | -489.00  | -41.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 22.56                 | 22.56   | 22.56    | 22.56   |
| EMERGENCY ENERGY COST    | \$/MWH | 176.62                | 176.62  | 176.62   | 176.62  |
| EMERGENCY ENERGY PROFILE |        | 481                   | 481     | 481      | 481     |
| PEAK ADJUSTMENT          | MW     | 994.00                | -647.00 | -1059.00 | -303.00 |
| ----- YEAR 2028 -----    |        |                       |         |          |         |
| CAPABILITY ADJUSTMENT    | MW     | -301.00               | -40.00  | -489.00  | -41.00  |
| DUMP ENERGY SALE PRICE   | \$/MWH | 22.94                 | 22.94   | 22.94    | 22.94   |
| EMERGENCY ENERGY COST    | \$/MWH | 176.22                | 176.22  | 176.22   | 176.22  |
| EMERGENCY ENERGY PROFILE |        | 482                   | 482     | 482      | 482     |
| PEAK ADJUSTMENT          | MW     | 987.00                | -653.00 | -1047.00 | -301.00 |
| ----- YEAR 2029 -----    |        |                       |         |          |         |
| DUMP ENERGY SALE PRICE   | \$/MWH | 23.32                 | 23.32   | 23.32    | 23.32   |
| EMERGENCY ENERGY COST    | \$/MWH | 184.81                | 184.81  | 184.81   | 184.81  |
| EMERGENCY ENERGY PROFILE |        | 483                   | 483     | 483      | 483     |
| PEAK ADJUSTMENT          | MW     | 993.00                | -652.00 | -1013.00 | -304.00 |
| ----- YEAR 2030 -----    |        |                       |         |          |         |
| DUMP ENERGY SALE PRICE   | \$/MWH | 23.70                 | 23.70   | 23.70    | 23.70   |
| EMERGENCY ENERGY COST    | \$/MWH | 184.75                | 184.75  | 184.75   | 184.75  |
| EMERGENCY ENERGY PROFILE |        | 484                   | 484     | 484      | 484     |
| PEAK ADJUSTMENT          | MW     | 1000.00               | -650.00 | -1006.00 | -303.00 |
| ----- YEAR 2031 -----    |        |                       |         |          |         |
| DUMP ENERGY SALE PRICE   | \$/MWH | 24.10                 | 24.10   | 24.10    | 24.10   |
| EMERGENCY ENERGY COST    | \$/MWH | 188.09                | 188.09  | 188.09   | 188.09  |
| EMERGENCY ENERGY PROFILE |        | 485                   | 485     | 485      | 485     |
| PEAK ADJUSTMENT          | MW     | 1006.00               | -648.00 | -1000.00 | -300.00 |
| ----- YEAR 2032 -----    |        |                       |         |          |         |
| DUMP ENERGY SALE PRICE   | \$/MWH | 24.50                 | 24.50   | 24.50    | 24.50   |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.COMPANY.

GENERATING COMPANIES

1 2 3 4  
OPCO+CSP I&M APCO KPCO

----- YEAR 2032 -----

|                          |        |                       |         |         |         |
|--------------------------|--------|-----------------------|---------|---------|---------|
|                          |        | 1 A Input Summary.txt |         |         |         |
| EMERGENCY ENERGY COST    | \$/MWH | 193.08                | 193.08  | 193.08  | 193.08  |
| EMERGENCY ENERGY PROFILE |        | 486                   | 486     | 486     | 486     |
| PEAK ADJUSTMENT          | MW     | 1003.00               | -645.00 | -985.00 | -297.00 |
| ----- YEAR 2033 -----    |        |                       |         |         |         |
| DUMP ENERGY SALE PRICE   | \$/MWH | 24.10                 | 24.10   | 24.10   | 24.10   |
| EMERGENCY ENERGY COST    | \$/MWH | 208.03                | 208.03  | 208.03  | 208.03  |
| EMERGENCY ENERGY PROFILE |        | 487                   | 487     | 487     | 487     |
| PEAK ADJUSTMENT          | MW     | 1006.00               | -645.00 | -986.00 | -297.00 |
| ----- YEAR 2034 -----    |        |                       |         |         |         |
| DUMP ENERGY SALE PRICE   | \$/MWH | 24.50                 | 24.50   | 24.50   | 24.50   |
| EMERGENCY ENERGY COST    | \$/MWH | 226.48                | 226.48  | 226.48  | 226.48  |
| EMERGENCY ENERGY PROFILE |        | 488                   | 488     | 488     | 488     |
| PEAK ADJUSTMENT          | MW     | 1011.00               | -646.00 | -943.00 | -299.00 |
| ----- YEAR 2035 -----    |        |                       |         |         |         |
| CAPABILITY ADJUSTMENT    | MW     | -296.00               | -37.00  | -486.00 | -41.00  |
| EMERGENCY ENERGY COST    | \$/MWH | 243.38                | 243.38  | 243.38  | 243.38  |
| EMERGENCY ENERGY PROFILE |        | 489                   | 489     | 489     | 489     |
| PEAK ADJUSTMENT          | MW     | 1011.00               | -645.00 | -938.00 | -287.00 |
| ----- YEAR 2036 -----    |        |                       |         |         |         |
| EMERGENCY ENERGY COST    | \$/MWH | 261.95                | 261.95  | 261.95  | 261.95  |
| EMERGENCY ENERGY PROFILE |        | 490                   | 490     | 490     | 490     |
| PEAK ADJUSTMENT          | MW     | 1018.00               | -644.00 | -907.00 | -279.00 |
| ----- YEAR 2037 -----    |        |                       |         |         |         |
| EMERGENCY ENERGY COST    | \$/MWH | 282.74                | 282.74  | 282.74  | 282.74  |
| EMERGENCY ENERGY PROFILE |        | 491                   | 491     | 491     | 491     |
| PEAK ADJUSTMENT          | MW     | 1100.00               | -646.00 | -802.00 | -283.00 |
| ----- YEAR 2038 -----    |        |                       |         |         |         |
| EMERGENCY ENERGY COST    | \$/MWH | 305.33                | 305.33  | 305.33  | 305.33  |
| EMERGENCY ENERGY PROFILE |        | 492                   | 492     | 492     | 492     |
| PEAK ADJUSTMENT          | MW     | 1103.00               | -650.00 | -793.00 | -281.00 |
| ----- YEAR 2039 -----    |        |                       |         |         |         |
| EMERGENCY ENERGY COST    | \$/MWH | 329.04                | 329.04  | 329.04  | 329.04  |
| EMERGENCY ENERGY PROFILE |        | 493                   | 493     | 493     | 493     |
| PEAK ADJUSTMENT          | MW     | 1102.00               | -650.00 | -790.00 | -279.00 |
| ----- YEAR 2040 -----    |        |                       |         |         |         |
| EMERGENCY ENERGY COST    | \$/MWH | 354.85                | 354.85  | 354.85  | 354.85  |
| EMERGENCY ENERGY PROFILE |        | 494                   | 494     | 494     | 494     |
| PEAK ADJUSTMENT          | MW     | 1102.00               | -690.00 | -790.00 | -279.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.COMPANY.

| GENERATING COMPANIES                    | 1<br>OPCO+CSP | 2<br>I&M | 3<br>APCO | 4<br>KPCO |
|-----------------------------------------|---------------|----------|-----------|-----------|
| EFFLUENT                                |               |          |           |           |
| 1 SO2 (E)<br>EMERGENCY EFFLUENT POINTER | 0             | 0        | 0         | 0         |
| 2 CO2 (S)<br>EMERGENCY EFFLUENT POINTER | 0             | 0        | 0         | 0         |
| 3 CO2 (G)<br>EMERGENCY EFFLUENT POINTER | 0             | 0        | 0         | 0         |
| 4 NOX (B)<br>EMERGENCY EFFLUENT POINTER | 0             | 0        | 0         | 0         |
| 5 NSR SO2<br>EMERGENCY EFFLUENT POINTER | 0             | 0        | 0         | 0         |
| 6 HG (E)<br>EMERGENCY EFFLUENT POINTER  | 0             | 0        | 0         | 0         |

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1 A Input Summary.txt  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL CLASS.

| FUEL CLASS        | 1    | 2    | 3    | 4    | 5    | 6    | 7    |
|-------------------|------|------|------|------|------|------|------|
|                   | COLE | GASE | NUCL | BUCK | COLW | GASW | LIGS |
| NUCLEAR FUEL FLAG | 0    | 0    | 1    | 0    | 0    | 0    | 0    |

  

| FUEL CLASS        | 8    | 10   | 11   | 12   | 13   | 14   | 15   |
|-------------------|------|------|------|------|------|------|------|
|                   | OTHR | COLA | COLC | COLI | COLK | COLO | COLP |
| NUCLEAR FUEL FLAG | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

  

| FUEL CLASS        | 16   | 17   | 18   | 19   | 20   |
|-------------------|------|------|------|------|------|
|                   | COLS | COLX | GASP | GASS | BIOM |
| NUCLEAR FUEL FLAG | 0    | 0    | 0    | 0    | 0    |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                           | 1        | 2      | 3      | 4      | 5      | 6      | 7      |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|
|                                | AMOS_1   | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ESCALATION FUEL COST           |          |        |        |        |        |        |        |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |        |        |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |        |        |
| FUEL CLASS                     | COLA     | COLA   | COLO   | COLC   | COLK   | COLK   | COLO   |
| FUEL ID NUMBER                 | 1        | 2      | 3      | 4      | 5      | 6      | 7      |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1      | 1      |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | TONS   | TONS   | TONS   |

  

| FUEL                           | 8        | 9      | 10     | 11     | 12     | 13     | 14     |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|
|                                | CARD_2   | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| ESCALATION FUEL COST           |          |        |        |        |        |        |        |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |        |        |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |        |        |
| FUEL CLASS                     | COLE     | COLE   | OTHR   | OTHR   | OTHR   | OTHR   | OTHR   |
| FUEL ID NUMBER                 | 8        | 9      | 10     | 11     | 12     | 13     | 14     |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1      | 1      |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | TONS   | TONS   | TONS   |

  

| FUEL                           | 15       | 16     | 17     | 18     | 19     | 20     | 21     |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|
|                                | CLIF_6   | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ESCALATION FUEL COST           |          |        |        |        |        |        |        |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |        |        |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |        |        |
| FUEL CLASS                     | OTHR     | COLA   | COLA   | COLA   | COLC   | COLC   | COLC   |
| FUEL ID NUMBER                 | 15       | 16     | 17     | 18     | 19     | 20     | 21     |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1      | 1      |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | TONS   | TONS   | TONS   |

  

| FUEL                           | 22       | 23     | 24     | 25     | 26     | 27     | 28     |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|
|                                | CSVL_4   | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ESCALATION FUEL COST           |          |        |        |        |        |        |        |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |        |        |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |        |        |
| FUEL CLASS                     | COLC     | COLC   | COLC   | NUCL   | NUCL   | COLO   | COLO   |
| FUEL ID NUMBER                 | 22       | 23     | 24     | 25     | 26     | 27     | 28     |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1      | 1      |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | GWH    | GWH    | TONS   | TONS   |

  

| FUEL                           | 29       | 30     | 33     | 34     | 35     | 36     | 37     |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|
|                                | GLEN_5   | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |
| ESCALATION FUEL COST           |          |        |        |        |        |        |        |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |        |        |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |        |        |
| FUEL CLASS                     | COLA     | COLA   | COLO   | COLO   | COLO   | COLA   | COLA   |
| FUEL ID NUMBER                 | 29       | 30     | 33     | 34     | 35     | 36     | 37     |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1      | 1      |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | TONS   | TONS   | TONS   |

  

| FUEL                           | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|
|                                | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| ESCALATION FUEL COST           |        |        |        |        |        |        |        |
| ESCALATION REPLACEMENT FUEL    |        |        |        |        |        |        |        |
| ESCALATION SEASONAL FIXED COST |        |        |        |        |        |        |        |
| FUEL CLASS                     | OTHR   | OTHR   | OTHR   | OTHR   | OTHR   | COLO   | COLO   |

1 A Input Summary.txt

| FUEL ID NUMBER                 | 38       | 39     | 40     | 41     | 42     | 43       | 44       |
|--------------------------------|----------|--------|--------|--------|--------|----------|----------|
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1        | 1        |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | TONS   | TONS     | TONS     |
| FUEL                           | 45       | 46     | 47     | 48     | 49     | 50       | 51       |
|                                | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5   | PSPN_1   |
| ESCALATION FUEL COST           |          |        |        |        |        |          |          |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |          |          |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |          |          |
| FUEL CLASS                     | COLA     | COLO   | COLO   | COLO   | COLO   | COLO     | COLA     |
| FUEL ID NUMBER                 | 45       | 46     | 47     | 48     | 49     | 50       | 51       |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1        | 1        |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | TONS   | TONS     | TONS     |
| FUEL                           | 52       | 53     | 54     | 55     | 56     | 58       | 59       |
|                                | PSPN_2   | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ESCALATION FUEL COST           |          |        |        |        |        |          |          |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |          |          |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |          |          |
| FUEL CLASS                     | COLO     | COLA   | COLO   | COLO   | COLC   | COLI     | COLI     |
| FUEL ID NUMBER                 | 52       | 53     | 54     | 55     | 56     | 58       | 59       |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1        | 1        |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | TONS   | TONS     | TONS     |
| FUEL                           | 61       | 62     | 63     | 64     | 65     | 66       | 67       |
|                                | STUA_1   | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1   | TANN_2   |
| ESCALATION FUEL COST           |          |        |        |        |        |          |          |
| ESCALATION REPLACEMENT FUEL    |          |        |        |        |        |          |          |
| ESCALATION SEASONAL FIXED COST |          |        |        |        |        |          |          |
| FUEL CLASS                     | COLC     | COLC   | COLC   | COLC   | GASE   | COLI     | COLI     |
| FUEL ID NUMBER                 | 61       | 62     | 63     | 64     | 65     | 66       | 67       |
| FUEL LIMIT SWITCH              | 1        | 1      | 1      | 1      | 1      | 1        | 1        |
| FUEL UNIT                      | BBL,TONS | TONS   | TONS   | TONS   | MCFF   | TONS     | TONS     |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                           | 68       | 69      | 70     | 71       | 72       | 73       | 74       |
|--------------------------------|----------|---------|--------|----------|----------|----------|----------|
|                                | TANN_3   | TANN_4  | ZIMM_1 | TCO_POOL | DOMINON  | TCO_DELV | CEREDO   |
| ESCALATION FUEL COST           |          |         |        |          |          |          |          |
| ESCALATION REPLACEMENT FUEL    |          |         |        |          |          |          |          |
| ESCALATION SEASONAL FIXED COST |          |         |        |          |          |          |          |
| FUEL CLASS                     | COLI     | COLI    | COLI   | GASE     | GASE     | GASE     | GASE     |
| FUEL ID NUMBER                 | 68       | 69      | 70     | 71       | 72       | 73       | 74       |
| FUEL LIMIT SWITCH              | 1        | 1       | 1      | 1        | 1        | 1        | 1        |
| FUEL UNIT                      | BBL,TONS | TONS    | TONS   | MCFF     | MCFF     | MCFF     | MCFF     |
| FUEL                           | 75       | 76      | 77     | 78       | 79       | 80       | 81       |
|                                | DARBY    | DRESDEN | LAWRNG | ROEMONE  | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ESCALATION FUEL COST           |          |         |        |          |          |          |          |
| ESCALATION REPLACEMENT FUEL    |          |         |        |          |          |          |          |
| ESCALATION SEASONAL FIXED COST |          |         |        |          |          |          |          |
| FUEL CLASS                     | GASE     | GASE    | GASE   | GASE     | GASE     | COLI     | GASE     |
| FUEL ID NUMBER                 | 75       | 76      | 77     | 78       | 79       | 80       | 81       |
| FUEL LIMIT SWITCH              | 1        | 1       | 1      | 1        | 1        | 1        | 1        |
| FUEL UNIT                      | BBL,TONS | MCFF    | MCFF   | MCFF     | MCFF     | TONS     | MCFF     |
| FUEL                           | 82       | 83      |        |          |          |          |          |
|                                | BS_RPWR  | BS_NGCC |        |          |          |          |          |
| ESCALATION FUEL COST           |          |         |        |          |          |          |          |
| ESCALATION REPLACEMENT FUEL    |          |         |        |          |          |          |          |
| ESCALATION SEASONAL FIXED COST |          |         |        |          |          |          |          |
| FUEL CLASS                     | GASE     | GASE    |        |          |          |          |          |
| FUEL ID NUMBER                 | 82       | 83      |        |          |          |          |          |
| FUEL LIMIT SWITCH              | 1        | 1       |        |          |          |          |          |
| FUEL UNIT                      | BBL,TONS | MCFF    | MCFF   |          |          |          |          |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL     | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----------|--------|--------|--------|--------|--------|--------|--------|
|          | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| EFFLUENT |        |        |        |        |        |        |        |

| 1 A Input Summary.txt |                       |                       |                       |                      |                       |                       |                       |
|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| 1 SO2 (E)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 2 CO2 (S)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 3 CO2 (G)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 4 NOX (B)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 5 NSR SO2             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 6 HG (E)              |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| FUEL                  | CARD_2 <sup>8</sup>   | CARD_3 <sup>9</sup>   | CLIF_1 <sup>10</sup>  | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup>  | CLIF_4 <sup>13</sup>  | CLIF_5 <sup>14</sup>  |
| EFFLUENT              |                       |                       |                       |                      |                       |                       |                       |
| 1 SO2 (E)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 2 CO2 (S)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 3 CO2 (G)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 4 NOX (B)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 5 NSR SO2             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 6 HG (E)              |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| FUEL                  | CLIF_6 <sup>15</sup>  | CLIN_1 <sup>16</sup>  | CLIN_2 <sup>17</sup>  | CLIN_3 <sup>18</sup> | CSV_L_1 <sup>19</sup> | CSV_L_2 <sup>20</sup> | CSV_L_3 <sup>21</sup> |
| EFFLUENT              |                       |                       |                       |                      |                       |                       |                       |
| 1 SO2 (E)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 2 CO2 (S)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 3 CO2 (G)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 4 NOX (B)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 5 NSR SO2             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 6 HG (E)              |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| FUEL                  | CSV_L_4 <sup>22</sup> | CSV_L_5 <sup>23</sup> | CSV_L_6 <sup>24</sup> | COOK_1 <sup>25</sup> | COOK_2 <sup>26</sup>  | GAVI_1 <sup>27</sup>  | GAVI_2 <sup>28</sup>  |
| EFFLUENT              |                       |                       |                       |                      |                       |                       |                       |
| 1 SO2 (E)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 2 CO2 (S)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 3 CO2 (G)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 4 NOX (B)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 5 NSR SO2             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| 6 HG (E)              |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |
| FUEL                  | GLEN_5 <sup>29</sup>  | GLEN_6 <sup>30</sup>  | KAMM_1 <sup>33</sup>  | KAMM_2 <sup>34</sup> | KAMM_3 <sup>35</sup>  | KANA_1 <sup>36</sup>  | KANA_2 <sup>37</sup>  |
| EFFLUENT              |                       |                       |                       |                      |                       |                       |                       |
| 1 SO2 (E)             |                       |                       |                       |                      |                       |                       |                       |
| EMISSIONS DATA        | 0.00                  | 0.00                  | 0.00                  | 0.00                 | 0.00                  | 0.00                  | 0.00                  |

1 A Input Summary.txt

|                                 |                        |                      |                      |                      |                      |                                    |                      |
|---------------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------------|----------------------|
| 2 CO2 (S)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 3 CO2 (G)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 4 NOX (B)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 5 NSR SO2<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 6 HG (E)<br>EMISSIONS DATA      | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| FUEL                            | KYGE_1 <sup>38</sup>   | KYGE_2 <sup>39</sup> | KYGE_3 <sup>40</sup> | KYGE_4 <sup>41</sup> | KYGE_5 <sup>42</sup> | MITC_1 <sup>43</sup>               | MITC_2 <sup>44</sup> |
| EFFLUENT                        |                        |                      |                      |                      |                      |                                    |                      |
| 1 SO2 (E)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 2 CO2 (S)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 3 CO2 (G)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 4 NOX (B)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 5 NSR SO2<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 6 HG (E)<br>EMISSIONS DATA      | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| FUEL                            | MTNR_6.0 <sup>45</sup> | MUSK_1 <sup>46</sup> | MUSK_2 <sup>47</sup> | MUSK_3 <sup>48</sup> | MUSK_4 <sup>49</sup> | MUSK_5 <sup>50</sup>               | PSPN_1 <sup>51</sup> |
| EFFLUENT                        |                        |                      |                      |                      |                      |                                    |                      |
| 1 SO2 (E)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 2 CO2 (S)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 3 CO2 (G)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 4 NOX (B)<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
| 5 NSR SO2<br>EMISSIONS DATA     | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                               | 0.00                 |
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

|                             |                        |                      |                      |                      |                      |                        |                        |
|-----------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|------------------------|
| FUEL                        | MTNR_6.0 <sup>45</sup> | MUSK_1 <sup>46</sup> | MUSK_2 <sup>47</sup> | MUSK_3 <sup>48</sup> | MUSK_4 <sup>49</sup> | MUSK_5 <sup>50</sup>   | PSPN_1 <sup>51</sup>   |
| EFFLUENT                    |                        |                      |                      |                      |                      |                        |                        |
| 6 HG (E)<br>EMISSIONS DATA  | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                   | 0.00                   |
| FUEL                        | PSPN_2 <sup>52</sup>   | PSPN_3 <sup>53</sup> | PSPN_4 <sup>54</sup> | PSPN_5 <sup>55</sup> | PICW_5 <sup>56</sup> | ROCK_1IM <sup>58</sup> | ROCK_2IM <sup>59</sup> |
| EFFLUENT                    |                        |                      |                      |                      |                      |                        |                        |
| 1 SO2 (E)<br>EMISSIONS DATA | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                   | 0.00                   |
| 2 CO2 (S)<br>EMISSIONS DATA | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                   | 0.00                   |
| 3 CO2 (G)<br>EMISSIONS DATA | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                   | 0.00                   |
| 4 NOX (B)<br>EMISSIONS DATA | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                   | 0.00                   |
| 5 NSR SO2<br>EMISSIONS DATA | 0.00                   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                   | 0.00                   |

1 A Input Summary.txt

|                             |               |               |              |                |                |                |                |
|-----------------------------|---------------|---------------|--------------|----------------|----------------|----------------|----------------|
| 6 HG (E)<br>EMISSIONS DATA  | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| FUEL                        | 61<br>STUA_1  | 62<br>STUA_2  | 63<br>STUA_3 | 64<br>STUA_4   | 65<br>BS1_CC   | 66<br>TANN_1   | 67<br>TANN_2   |
| EFFLUENT                    |               |               |              |                |                |                |                |
| 1 SO2 (E)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 2 CO2 (S)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 3 CO2 (G)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 4 NOX (B)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 5 NSR SO2<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 6 HG (E)<br>EMISSIONS DATA  | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| FUEL                        | 68<br>TANN_3  | 69<br>TANN_4  | 70<br>ZIMM_1 | 71<br>TCO_POOL | 72<br>DOMINON  | 73<br>TCO_DELV | 74<br>CEREDO   |
| EFFLUENT                    |               |               |              |                |                |                |                |
| 1 SO2 (E)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 2 CO2 (S)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 3 CO2 (G)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 4 NOX (B)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 5 NSR SO2<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 6 HG (E)<br>EMISSIONS DATA  | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| FUEL                        | 75<br>DARBY   | 76<br>DRESDEN | 77<br>LAWRNG | 78<br>ROBMONE  | 79<br>WATERFOR | 80<br>ROCK_5.1 | 81<br>MRS_NGCC |
| EFFLUENT                    |               |               |              |                |                |                |                |
| 1 SO2 (E)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 2 CO2 (S)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 3 CO2 (G)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 4 NOX (B)<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 5 NSR SO2<br>EMISSIONS DATA | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| 6 HG (E)<br>EMISSIONS DATA  | 0.00          | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| FUEL                        | 82<br>BS_RPWR | 83<br>BS_NGCC |              |                |                |                |                |
| EFFLUENT                    |               |               |              |                |                |                |                |
| 1 SO2 (E)<br>EMISSIONS DATA | 0.00          | 0.00          |              |                |                |                |                |
| 2 CO2 (S)<br>EMISSIONS DATA | 0.00          | 0.00          |              |                |                |                |                |
| 3 CO2 (G)<br>EMISSIONS DATA | 0.00          | 0.00          |              |                |                |                |                |
| 4 NOX (B)<br>EMISSIONS DATA | 0.00          | 0.00          |              |                |                |                |                |
| 5 NSR SO2<br>EMISSIONS DATA | 0.00          | 0.00          |              |                |                |                |                |
| 6 HG (E)                    |               |               |              |                |                |                |                |



AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| GENERATING COMPANIES |                     |          | 1        | 2    | 3    | 4    |
|----------------------|---------------------|----------|----------|------|------|------|
|                      |                     |          | OPCO+CSP | I&M  | APCO | KPCO |
| FUEL                 |                     |          |          |      |      |      |
| 1                    | AMOS_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 2                    | AMOS_2              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 3                    | AMOS_3              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 4                    | BECK_6              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 5                    | BIGS_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 6                    | BIGS_2              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 7                    | CARD_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 8                    | CARD_2              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 9                    | CARD_3              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 10                   | CLIF_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 11                   | CLIF_2              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 12                   | CLIF_3              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 13                   | CLIF_4              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 14                   | CLIF_5              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 15                   | CLIF_6              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 16                   | CLIN_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 17                   | CLIN_2              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 18                   | CLIN_3              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 19                   | CSVL_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 20                   | CSVL_2              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 21                   | CSVL_3              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 22                   | CSVL_4              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 23                   | CSVL_5              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 24                   | CSVL_6              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 25                   | COOK_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 1.00 | 0.00 | 0.00 |
| 26                   | COOK_2              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 1.00 | 0.00 | 0.00 |
| 27                   | GAVI_1              |          |          |      |      |      |
| FIXED                | FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 28                   | GAVI_2              |          |          |      |      |      |

|                           |          | 1 A Input Summary.txt |      |      |      |
|---------------------------|----------|-----------------------|------|------|------|
|                           |          |                       | 0.00 | 0.00 | 0.00 |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 29 GLEN_5                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 30 GLEN_6                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 31                        |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 32                        |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 33 KAMM_1                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 34 KAMM_2                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 35 KAMM_3                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 36 KANA_1                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 37 KANA_2                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 38 KYGE_1                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 39 KYGE_2                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 40 KYGE_3                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 41 KYGE_4                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 42 KYGE_5                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 43 MITC_1                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 44 MITC_2                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 45 MTNR_6.0               |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 46 MUSK_1                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 47 MUSK_2                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 48 MUSK_3                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 49 MUSK_4                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 50 MUSK_5                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 51 PSPN_1                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 52 PSPN_2                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |
| 53 PSPN_3                 |          |                       |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00                  | 0.00 | 0.00 | 0.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

| GENERATING COMPANIES      |          | 1        | 2    | 3    | 4    |
|---------------------------|----------|----------|------|------|------|
|                           |          | OPCO+CSP | I&M  | APCO | KPCO |
| FUEL                      |          |          |      |      |      |
| 54 PSPN_4                 |          |          |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 55 PSPN_5                 |          |          |      |      |      |
| FIXED FUEL COST OWNERSHIP | FRACTION | 0.00     | 0.00 | 0.00 | 0.00 |
| 56 PICW_5                 |          |          |      |      |      |

|    |                           | 1 A Input Summary.txt |      |      |      |
|----|---------------------------|-----------------------|------|------|------|
|    |                           | 0.00                  | 0.00 | 0.00 | 0.00 |
| 57 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 58 | ROCK_1IM                  |                       |      |      |      |
| 59 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 60 | ROCK_2IM                  |                       |      |      |      |
| 61 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 62 | STUA_1                    |                       |      |      |      |
| 63 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 64 | STUA_2                    |                       |      |      |      |
| 65 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 66 | STUA_3                    |                       |      |      |      |
| 67 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 68 | STUA_4                    |                       |      |      |      |
| 69 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 70 | BS1_CC                    |                       |      |      |      |
| 71 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 72 | TANN_1                    |                       |      |      |      |
| 73 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 74 | TANN_2                    |                       |      |      |      |
| 75 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 76 | TANN_3                    |                       |      |      |      |
| 77 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 78 | TANN_4                    |                       |      |      |      |
| 79 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 80 | ZIMM_1                    |                       |      |      |      |
| 81 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 82 | TCO_POOL                  |                       |      |      |      |
| 83 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 84 | DOMINON                   |                       |      |      |      |
| 85 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 86 | TCO_DELV                  |                       |      |      |      |
| 87 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 88 | CEREDO                    |                       |      |      |      |
| 89 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 90 | DARBY                     |                       |      |      |      |
| 91 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 92 | DRESDEN                   |                       |      |      |      |
| 93 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 94 | LAWRNG                    |                       |      |      |      |
| 95 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 96 | ROBMONE                   |                       |      |      |      |
| 97 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |
| 98 | WATERFOR                  |                       |      |      |      |
| 99 | FIXED FUEL COST OWNERSHIP | FRACTION              | 0.00 | 0.00 | 0.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                             | 1<br>AMOS_1 | 2<br>AMOS_2 | 3<br>AMOS_3 | 4<br>BECK_6 | 5<br>BIGS_1 | 6<br>BIGS_2 | 7<br>CARD_1 |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ----- YEAR 2011 -----            |             |             |             |             |             |             |             |
| FUEL COST                        | \$/MBTU     | 2.55        | 2.55        | 2.55        | 2.76        | 2.78        | 1.68        |
| FUEL FLOW MAXIMUM                | UNITS/HR    | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 |
| FUEL HEAT CONTENT                | MBTU/UNT    | 24.45       | 24.45       | 24.45       | 24.70       | 24.32       | 24.43       |
| FUEL LIMIT MAXIMUM               | UNIT/DAY    | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 |
| FUEL LIMIT MINIMUM               | UNIT/DAY    | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| INVENTORY FACTOR                 | %-KUNITS    | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| REPLACEMENT COST OF FUEL         | \$/MBTU     | 2.36        | 2.36        | 2.27        | 0.00        | 2.92        | 1.91        |
| SEASONAL FUEL COST POINTER       |             | 63          | 79          | 66          | 65          | 250         | 70          |
| SEASONAL REPLACEMENT COST POINTE |             | 383         | 386         | 389         | 0           | 290         | 293         |
| ----- YEAR 2012 -----            |             |             |             |             |             |             |             |
| FUEL COST                        | \$/MBTU     | 2.72        | 2.72        | 2.72        | 2.74        | 3.11        | 1.83        |
| FUEL HEAT CONTENT                | MBTU/UNT    | 24.52       | 24.52       | 24.52       | 24.70       | 24.16       | 24.37       |
| REPLACEMENT COST OF FUEL         | \$/MBTU     | 2.56        | 2.56        | 2.49        | 0.00        | 2.81        | 1.83        |

| 1 A Input Summary.txt            |          |       |       |       |       |       |       |       |
|----------------------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| SEASONAL FUEL COST POINTER       |          | 64    | 80    | 67    | 274   | 68    | 68    | 71    |
| SEASONAL REPLACEMENT COST POINTE |          | 384   | 387   | 390   | 0     | 291   | 291   | 294   |
| ----- YEAR 2013 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 2.94  | 2.94  | 2.94  | 2.83  | 3.27  | 3.27  | 1.86  |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.65 | 24.65 | 24.65 | 24.70 | 24.06 | 24.06 | 24.46 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL COST POINTER       |          | 250   | 250   | 250   | 250   | 69    | 69    | 250   |
| SEASONAL REPLACEMENT COST POINTE |          | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ----- YEAR 2014 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.24  | 3.24  | 3.24  | 2.90  | 3.28  | 3.28  | 2.06  |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.82 | 24.82 | 24.82 | 24.70 | 24.40 | 24.40 | 24.56 |
| SEASONAL FUEL COST POINTER       |          | 250   | 250   | 250   | 250   | 93    | 93    | 250   |
| ----- YEAR 2015 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.34  | 3.34  | 3.34  | 2.97  | 3.43  | 3.43  | 2.12  |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00 | 25.00 | 25.00 | 24.70 | 25.00 | 25.00 | 24.60 |
| SEASONAL FUEL COST POINTER       |          | 250   | 250   | 250   | 250   | 94    | 94    | 250   |
| ----- YEAR 2016 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.41  | 3.41  | 3.41  | 3.04  | 3.25  | 3.25  | 2.21  |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00 | 25.00 | 25.00 | 24.70 | 25.00 | 25.00 | 24.62 |
| SEASONAL FUEL COST POINTER       |          | 250   | 250   | 250   | 250   | 250   | 250   | 250   |
| ----- YEAR 2017 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.44  | 3.44  | 3.44  | 3.07  | 3.42  | 3.42  | 2.26  |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00 | 25.00 | 25.00 | 24.70 | 25.00 | 25.00 | 24.64 |
| ----- YEAR 2018 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.57  | 3.57  | 3.57  | 3.13  | 3.52  | 3.52  | 2.72  |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00 | 25.00 | 25.00 | 24.70 | 25.00 | 25.00 | 25.00 |
| ----- YEAR 2019 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.64  | 3.64  | 3.64  | 3.19  | 3.60  | 3.60  | 2.77  |
| ----- YEAR 2020 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.72  | 3.72  | 3.72  | 3.25  | 3.68  | 3.68  | 2.83  |
| ----- YEAR 2021 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.80  | 3.80  | 3.80  | 3.32  | 3.79  | 3.79  | 2.89  |
| ----- YEAR 2022 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.69  | 3.69  | 3.69  | 0.00  | 3.81  | 3.81  | 2.88  |
| ----- YEAR 2023 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.76  | 3.76  | 3.76  | 0.00  | 3.90  | 3.90  | 2.94  |
| ----- YEAR 2024 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.84  | 3.84  | 3.84  | 0.00  | 4.00  | 4.00  | 3.00  |
| ----- YEAR 2025 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 3.92  | 3.92  | 3.92  | 0.00  | 4.11  | 4.11  | 3.06  |
| ----- YEAR 2026 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.00  | 4.00  | 4.00  | 0.00  | 4.22  | 4.22  | 3.12  |
| ----- YEAR 2027 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.09  | 4.09  | 4.09  | 0.00  | 4.33  | 4.33  | 3.18  |
| ----- YEAR 2028 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.17  | 4.17  | 4.17  | 0.00  | 4.44  | 4.44  | 3.25  |
| ----- YEAR 2029 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.26  | 4.26  | 4.26  | 0.00  | 4.55  | 4.55  | 3.31  |
| ----- YEAR 2030 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.34  | 4.34  | 4.34  | 0.00  | 4.67  | 4.67  | 3.38  |
| ----- YEAR 2031 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.43  | 4.43  | 4.43  | 0.00  | 4.78  | 4.78  | 3.45  |
| ----- YEAR 2032 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.52  | 4.52  | 4.52  | 0.00  | 4.90  | 4.90  | 3.52  |
| ----- YEAR 2033 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.61  | 4.61  | 4.61  | 0.00  | 5.03  | 5.03  | 3.59  |
| ----- YEAR 2034 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.71  | 4.71  | 4.71  | 0.00  | 5.16  | 5.16  | 3.66  |
| ----- YEAR 2035 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.80  | 4.80  | 4.80  | 0.00  | 5.29  | 5.29  | 3.73  |
| ----- YEAR 2036 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.89  | 4.89  | 4.89  | 0.00  | 5.39  | 5.39  | 3.80  |
| ----- YEAR 2037 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 4.99  | 4.99  | 4.99  | 0.00  | 5.49  | 5.49  | 3.87  |
| ----- YEAR 2038 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 5.08  | 5.08  | 5.08  | 0.00  | 5.60  | 5.60  | 3.94  |
| ----- YEAR 2039 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 5.18  | 5.18  | 5.18  | 0.00  | 5.71  | 5.71  | 4.01  |
| ----- YEAR 2040 -----            |          |       |       |       |       |       |       |       |
| FUEL COST                        | \$/MBTU  | 5.28  | 5.28  | 5.28  | 0.00  | 5.82  | 5.82  | 4.09  |

## 1 A Input Summary.txt

| FUEL                             |          | 8<br>CARD_2 | 9<br>CARD_3 | 10<br>CLIF_1 | 11<br>CLIF_2 | 12<br>CLIF_3 | 13<br>CLIF_4 | 14<br>CLIF_5 |
|----------------------------------|----------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2011 -----            |          |             |             |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 1.77        | 2.07        | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 9999899648. | 9999899648. | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.64       | 23.18       | 19.84        | 19.84        | 19.84        | 19.84        | 19.84        |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 9999899648. | 9999899648. | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00        | 0.00        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00        | 0.00        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 1.69        | 1.93        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 73          | 76          | 80           | 80           | 80           | 80           | 80           |
| SEASONAL REPLACEMENT COST POINTE |          | 296         | 392         | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2012 -----            |          |             |             |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 1.83        | 1.94        | 2.87         | 2.87         | 2.87         | 2.87         | 2.87         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.54       | 24.00       | 17.63        | 17.63        | 17.63        | 17.63        | 17.63        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 1.83        | 1.96        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 74          | 77          | 250          | 250          | 250          | 250          | 250          |
| SEASONAL REPLACEMENT COST POINTE |          | 297         | 393         | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2013 -----            |          |             |             |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 1.97        | 2.37        | 2.79         | 2.79         | 2.79         | 2.79         | 2.79         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.53       | 24.00       | 22.01        | 22.01        | 22.01        | 22.01        | 22.01        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00        | 0.00        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 250         | 250         | 250          | 250          | 250          | 250          | 250          |
| SEASONAL REPLACEMENT COST POINTE |          | 0           | 0           | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2014 -----            |          |             |             |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.09        | 2.38        | 2.73         | 2.73         | 2.73         | 2.73         | 2.73         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.54       | 24.00       | 23.00        | 23.00        | 23.00        | 23.00        | 23.00        |
| ----- YEAR 2015 -----            |          |             |             |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.17        | 2.52        | 2.80         | 2.80         | 2.80         | 2.80         | 2.80         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.63       | 24.00       | 23.00        | 23.00        | 23.00        | 23.00        | 23.00        |
| ----- YEAR 2016 -----            |          |             |             |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.26        | 2.70        | 2.86         | 2.86         | 2.86         | 2.86         | 2.86         |
| ----- YEAR 2017 -----            |          |             |             |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.33        | 2.73        | 2.91         | 2.91         | 2.91         | 2.91         | 2.91         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.65       | 24.00       | 23.00        | 23.00        | 23.00        | 23.00        | 23.00        |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
\* 02/12/13 08:26:45 V04.0 R03.0

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  |          | 8<br>CARD_2 | 9<br>CARD_3 | 10<br>CLIF_1 | 11<br>CLIF_2 | 12<br>CLIF_3 | 13<br>CLIF_4 | 14<br>CLIF_5 |
|-----------------------|----------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2018 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 2.84        | 2.84        | 2.96         | 2.96         | 2.96         | 2.96         | 2.96         |
| FUEL HEAT CONTENT     | MBTU/UNT | 25.00       | 25.00       | 23.00        | 23.00        | 23.00        | 23.00        | 23.00        |
| ----- YEAR 2019 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 2.89        | 2.89        | 3.01         | 3.01         | 3.01         | 3.01         | 3.01         |
| ----- YEAR 2020 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 2.95        | 2.95        | 3.06         | 3.06         | 3.06         | 3.06         | 3.06         |
| ----- YEAR 2021 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.01        | 3.01        | 3.13         | 3.13         | 3.13         | 3.13         | 3.13         |
| ----- YEAR 2022 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.01        | 3.01        | 3.03         | 3.03         | 3.03         | 3.03         | 3.03         |
| ----- YEAR 2023 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.07        | 3.07        | 3.10         | 3.10         | 3.10         | 3.10         | 3.10         |
| ----- YEAR 2024 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.13        | 3.13        | 3.17         | 3.17         | 3.17         | 3.17         | 3.17         |
| ----- YEAR 2025 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.20        | 3.20        | 3.24         | 3.24         | 3.24         | 3.24         | 3.24         |
| ----- YEAR 2026 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.27        | 3.27        | 3.31         | 3.31         | 3.31         | 3.31         | 3.31         |
| ----- YEAR 2027 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.33        | 3.33        | 3.38         | 3.38         | 3.38         | 3.38         | 3.38         |
| ----- YEAR 2028 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.40        | 3.40        | 3.45         | 3.45         | 3.45         | 3.45         | 3.45         |
| ----- YEAR 2029 ----- |          |             |             |              |              |              |              |              |
| FUEL COST             | \$/MBTU  | 3.47        | 3.47        | 3.53         | 3.53         | 3.53         | 3.53         | 3.53         |
| ----- YEAR 2030 ----- |          |             |             |              |              |              |              |              |

|                                  |          |              |              |              |              |              |              |              |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 A Input Summary.txt            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.55         | 3.55         | 3.60         | 3.60         | 3.60         | 3.60         | 3.60         |
| ----- YEAR 2031 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.62         | 3.62         | 3.68         | 3.68         | 3.68         | 3.68         | 3.68         |
| ----- YEAR 2032 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.69         | 3.69         | 3.76         | 3.76         | 3.76         | 3.76         | 3.76         |
| ----- YEAR 2033 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.77         | 3.77         | 3.84         | 3.84         | 3.84         | 3.84         | 3.84         |
| ----- YEAR 2034 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.85         | 3.85         | 3.93         | 3.93         | 3.93         | 3.93         | 3.93         |
| ----- YEAR 2035 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.93         | 3.93         | 4.01         | 4.01         | 4.01         | 4.01         | 4.01         |
| ----- YEAR 2036 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.00         | 4.00         | 4.09         | 4.09         | 4.09         | 4.09         | 4.09         |
| ----- YEAR 2037 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.07         | 4.07         | 4.18         | 4.18         | 4.18         | 4.18         | 4.18         |
| ----- YEAR 2038 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.15         | 4.15         | 4.26         | 4.26         | 4.26         | 4.26         | 4.26         |
| ----- YEAR 2039 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.23         | 4.23         | 4.35         | 4.35         | 4.35         | 4.35         | 4.35         |
| ----- YEAR 2040 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.31         | 4.31         | 4.44         | 4.44         | 4.44         | 4.44         | 4.44         |
| FUEL                             |          | 15           | 16           | 17           | 18           | 19           | 20           | 21           |
|                                  |          | CLIF_6       | CLIN_1       | CLIN_2       | CLIN_3       | CSVL_1       | CSVL_2       | CSVL_3       |
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 1.20         | 3.40         | 3.40         | 3.40         | 2.89         | 2.89         | 2.89         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT                | MBTU/UNT | 19.84        | 24.78        | 24.78        | 24.78        | 22.91        | 22.91        | 22.91        |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 4.06         | 4.06         | 4.06         | 0.00         | 0.00         | 3.03         |
| SEASONAL FUEL COST POINTER       |          | 80           | 82           | 82           | 82           | 250          | 250          | 85           |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 300          | 300          | 300          | 0            | 0            | 303          |
| ----- YEAR 2012 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.87         | 4.48         | 4.48         | 4.48         | 3.38         | 3.38         | 3.38         |
| FUEL HEAT CONTENT                | MBTU/UNT | 17.63        | 24.65        | 24.65        | 24.65        | 23.40        | 23.40        | 23.40        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 3.92         | 3.92         | 3.92         | 0.00         | 0.00         | 3.62         |
| SEASONAL FUEL COST POINTER       |          | 250          | 83           | 83           | 83           | 250          | 250          | 86           |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 301          | 301          | 301          | 0            | 0            | 304          |
| ----- YEAR 2013 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.79         | 4.08         | 4.08         | 4.08         | 3.48         | 3.48         | 3.48         |
| FUEL HEAT CONTENT                | MBTU/UNT | 22.01        | 24.42        | 24.42        | 24.42        | 23.40        | 23.40        | 23.40        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 250          | 250          | 250          | 250          |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2014 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.73         | 3.33         | 3.33         | 3.33         | 3.60         | 3.60         | 3.60         |
| FUEL HEAT CONTENT                | MBTU/UNT | 23.00        | 25.00        | 25.00        | 25.00        | 23.40        | 23.40        | 23.40        |
| ----- YEAR 2015 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.80         | 5.25         | 5.25         | 5.25         | 3.73         | 3.73         | 3.73         |
| FUEL HEAT CONTENT                | MBTU/UNT | 23.00        | 24.00        | 24.00        | 24.00        | 23.40        | 23.40        | 23.40        |
| ----- YEAR 2016 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.86         | 5.39         | 5.39         | 5.39         | 3.80         | 3.80         | 3.80         |
| ----- YEAR 2017 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.91         | 5.53         | 5.53         | 5.53         | 3.88         | 3.88         | 3.88         |
| ----- YEAR 2018 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.96         | 5.67         | 5.67         | 5.67         | 4.03         | 4.03         | 4.03         |
| ----- YEAR 2019 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.01         | 5.80         | 5.80         | 5.80         | 4.14         | 4.14         | 4.14         |
| ----- YEAR 2020 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.06         | 5.94         | 5.94         | 5.94         | 3.54         | 3.54         | 3.54         |
| ----- YEAR 2021 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.13         | 6.09         | 6.09         | 6.09         | 3.60         | 3.60         | 3.60         |
| FUEL HEAT CONTENT                | MBTU/UNT | 23.00        | 24.00        | 24.00        | 24.00        | 23.00        | 23.00        | 23.00        |
| ----- YEAR 2022 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.03         | 0.00         | 0.00         | 0.00         | 3.61         | 3.61         | 3.61         |
| ----- YEAR 2023 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.10         | 0.00         | 0.00         | 0.00         | 3.68         | 3.68         | 3.68         |
| ----- YEAR 2024 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.17         | 0.00         | 0.00         | 0.00         | 3.76         | 3.76         | 3.76         |
| ----- YEAR 2025 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.24         | 0.00         | 0.00         | 0.00         | 3.84         | 3.84         | 3.84         |

1 A Input Summary.txt

|                       |         |      |      |      |      |      |      |      |
|-----------------------|---------|------|------|------|------|------|------|------|
| ----- YEAR 2026 ----- |         |      |      |      |      |      |      |      |
| FUEL COST             | \$/MBTU | 3.31 | 0.00 | 0.00 | 0.00 | 3.92 | 3.92 | 3.92 |
| ----- YEAR 2027 ----- |         |      |      |      |      |      |      |      |
| FUEL COST             | \$/MBTU | 3.38 | 0.00 | 0.00 | 0.00 | 4.00 | 4.00 | 4.00 |
| ----- YEAR 2028 ----- |         |      |      |      |      |      |      |      |
| FUEL COST             | \$/MBTU | 3.45 | 0.00 | 0.00 | 0.00 | 4.08 | 4.08 | 4.08 |
| ----- YEAR 2029 ----- |         |      |      |      |      |      |      |      |
| FUEL COST             | \$/MBTU | 3.53 | 0.00 | 0.00 | 0.00 | 4.17 | 4.17 | 4.17 |
| ----- YEAR 2030 ----- |         |      |      |      |      |      |      |      |
| FUEL COST             | \$/MBTU | 3.60 | 0.00 | 0.00 | 0.00 | 4.25 | 4.25 | 4.25 |
| ----- YEAR 2031 ----- |         |      |      |      |      |      |      |      |
| FUEL COST             | \$/MBTU | 3.68 | 0.00 | 0.00 | 0.00 | 4.34 | 4.34 | 4.34 |
| ----- YEAR 2032 ----- |         |      |      |      |      |      |      |      |
| FUEL COST             | \$/MBTU | 3.76 | 0.00 | 0.00 | 0.00 | 4.43 | 4.43 | 4.43 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                             |          | 15<br>CLIF_6 | 16<br>CLIN_1 | 17<br>CLIN_2 | 18<br>CLIN_3 | 19<br>CSVL_1 | 20<br>CSVL_2 | 21<br>CSVL_3 |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2033 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.84         | 0.00         | 0.00         | 0.00         | 4.52         | 4.52         | 4.52         |
| ----- YEAR 2034 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.93         | 0.00         | 0.00         | 0.00         | 4.61         | 4.61         | 4.61         |
| ----- YEAR 2035 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.01         | 0.00         | 0.00         | 0.00         | 4.71         | 4.71         | 4.71         |
| ----- YEAR 2036 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.09         | 0.00         | 0.00         | 0.00         | 4.80         | 4.80         | 4.80         |
| ----- YEAR 2037 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.18         | 0.00         | 0.00         | 0.00         | 4.89         | 4.89         | 4.89         |
| ----- YEAR 2038 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.26         | 0.00         | 0.00         | 0.00         | 4.98         | 4.98         | 4.98         |
| ----- YEAR 2039 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.35         | 0.00         | 0.00         | 0.00         | 5.08         | 5.08         | 5.08         |
| ----- YEAR 2040 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.44         | 0.00         | 0.00         | 0.00         | 5.18         | 5.18         | 5.18         |
| FUEL                             |          | 22<br>CSVL_4 | 23<br>CSVL_5 | 24<br>CSVL_6 | 25<br>COOK_1 | 26<br>COOK_2 | 27<br>GAVI_1 | 28<br>GAVI_2 |
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.89         | 1.96         | 1.96         | 0.89         | 0.84         | 1.89         | 1.89         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  |
| FUEL HEAT CONTENT                | MBTU/UNT | 22.91        | 22.97        | 22.97        | 10.00        | 10.00        | 24.16        | 24.16        |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  | 9999899648.  |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 3.03         | 2.58         | 2.58         | 0.00         | 0.00         | 1.91         | 1.91         |
| SEASONAL FUEL COST POINTER       |          | 88           | 91           | 91           | 95           | 107          | 118          | 118          |
| SEASONAL REPLACEMENT COST POINTE |          | 303          | 306          | 306          | 0            | 0            | 309          | 309          |
| ----- YEAR 2012 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.38         | 2.09         | 2.09         | 0.89         | 0.82         | 2.21         | 2.21         |
| FUEL HEAT CONTENT                | MBTU/UNT | 23.40        | 23.12        | 23.12        | 10.00        | 10.00        | 23.21        | 23.21        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 3.62         | 2.57         | 2.57         | 0.00         | 0.00         | 2.01         | 2.01         |
| SEASONAL FUEL COST POINTER       |          | 89           | 92           | 92           | 96           | 108          | 119          | 119          |
| SEASONAL REPLACEMENT COST POINTE |          | 304          | 307          | 307          | 0            | 0            | 310          | 310          |
| ----- YEAR 2013 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.48         | 2.53         | 2.53         | 0.84         | 0.82         | 2.38         | 2.38         |
| FUEL HEAT CONTENT                | MBTU/UNT | 23.40        | 23.12        | 23.12        | 10.00        | 10.00        | 23.20        | 23.20        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 97           | 109          | 250          | 250          |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2014 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.60         | 2.44         | 2.44         | 0.80         | 0.79         | 2.55         | 2.55         |
| FUEL HEAT CONTENT                | MBTU/UNT | 23.40        | 23.00        | 23.00        | 10.00        | 10.00        | 23.35        | 23.35        |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 98           | 110          | 250          | 250          |
| ----- YEAR 2015 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.73         | 2.55         | 2.55         | 0.76         | 0.76         | 2.69         | 2.69         |
| FUEL HEAT CONTENT                | MBTU/UNT | 23.40        | 23.00        | 23.00        | 10.00        | 10.00        | 23.36        | 23.36        |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 99           | 111          | 250          | 250          |

1 A Input Summary.txt

|                            |          |              |              |              |              |              |              |              |
|----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2016 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.80         | 2.60         | 2.60         | 0.76         | 0.76         | 2.74         | 2.74         |
| FUEL HEAT CONTENT          | MBTU/UNT | 23.40        | 23.00        | 23.00        | 10.00        | 10.00        | 23.33        | 23.33        |
| SEASONAL FUEL COST POINTER |          | 250          | 250          | 250          | 100          | 112          | 250          | 250          |
| ----- YEAR 2017 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.88         | 2.56         | 2.56         | 0.76         | 0.74         | 2.79         | 2.79         |
| FUEL HEAT CONTENT          | MBTU/UNT | 23.40        | 23.04        | 23.04        | 10.00        | 10.00        | 23.33        | 23.33        |
| SEASONAL FUEL COST POINTER |          | 250          | 250          | 250          | 101          | 113          | 250          | 250          |
| ----- YEAR 2018 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.03         | 2.69         | 2.69         | 0.74         | 0.76         | 2.90         | 2.90         |
| FUEL HEAT CONTENT          | MBTU/UNT | 23.40        | 23.17        | 23.17        | 10.00        | 10.00        | 23.24        | 23.24        |
| SEASONAL FUEL COST POINTER |          | 250          | 250          | 250          | 102          | 114          | 250          | 250          |
| ----- YEAR 2019 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.14         | 3.37         | 3.37         | 0.76         | 0.76         | 2.85         | 2.85         |
| FUEL HEAT CONTENT          | MBTU/UNT | 23.40        | 25.00        | 25.00        | 10.00        | 10.00        | 24.65        | 24.65        |
| SEASONAL FUEL COST POINTER |          | 250          | 250          | 250          | 103          | 115          | 250          | 250          |
| ----- YEAR 2020 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.54         | 3.44         | 3.44         | 0.78         | 0.77         | 2.91         | 2.91         |
| FUEL HEAT CONTENT          | MBTU/UNT | 23.40        | 25.00        | 25.00        | 10.00        | 10.00        | 24.76        | 24.76        |
| SEASONAL FUEL COST POINTER |          | 250          | 250          | 250          | 104          | 116          | 250          | 250          |
| ----- YEAR 2021 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.60         | 3.51         | 3.51         | 0.81         | 0.79         | 2.98         | 2.98         |
| FUEL HEAT CONTENT          | MBTU/UNT | 23.00        | 25.00        | 25.00        | 10.00        | 10.00        | 24.80        | 24.80        |
| ----- YEAR 2022 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.61         | 3.52         | 3.52         | 0.83         | 0.80         | 2.99         | 2.99         |
| FUEL HEAT CONTENT          | MBTU/UNT | 23.00        | 25.00        | 25.00        | 10.00        | 10.00        | 25.00        | 25.00        |
| ----- YEAR 2023 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.68         | 3.59         | 3.59         | 0.85         | 0.82         | 3.05         | 3.05         |
| ----- YEAR 2024 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.76         | 3.67         | 3.67         | 0.88         | 0.84         | 3.12         | 3.12         |
| ----- YEAR 2025 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.84         | 3.74         | 3.74         | 0.90         | 0.86         | 3.18         | 3.18         |
| ----- YEAR 2026 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.92         | 3.82         | 3.82         | 0.93         | 0.87         | 3.25         | 3.25         |
| ----- YEAR 2027 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.00         | 3.90         | 3.90         | 0.95         | 0.89         | 3.32         | 3.32         |
| ----- YEAR 2028 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.08         | 3.98         | 3.98         | 0.98         | 0.91         | 3.39         | 3.39         |
| ----- YEAR 2029 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.17         | 4.06         | 4.06         | 1.01         | 0.93         | 3.46         | 3.46         |
| ----- YEAR 2030 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.25         | 4.15         | 4.15         | 1.03         | 0.95         | 3.53         | 3.53         |
| ----- YEAR 2031 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.34         | 4.23         | 4.23         | 1.06         | 0.97         | 3.60         | 3.60         |
| ----- YEAR 2032 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.43         | 4.32         | 4.32         | 1.09         | 0.99         | 3.67         | 3.67         |
| ----- YEAR 2033 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.52         | 4.41         | 4.41         | 1.12         | 1.01         | 3.75         | 3.75         |
| ----- YEAR 2034 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.61         | 4.50         | 4.50         | 1.15         | 1.03         | 3.83         | 3.83         |
| ----- YEAR 2035 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.71         | 4.59         | 4.59         | 1.19         | 1.05         | 3.90         | 3.90         |
| ----- YEAR 2036 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.80         | 4.68         | 4.68         | 1.19         | 1.05         | 3.98         | 3.98         |
| ----- YEAR 2037 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.89         | 4.77         | 4.77         | 1.19         | 1.05         | 4.05         | 4.05         |
| ----- YEAR 2038 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 4.98         | 4.86         | 4.86         | 1.19         | 1.05         | 4.13         | 4.13         |
| ----- YEAR 2039 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 5.08         | 4.95         | 4.95         | 1.19         | 1.05         | 4.21         | 4.21         |
| ----- YEAR 2040 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 5.18         | 5.05         | 5.05         | 1.19         | 1.05         | 4.28         | 4.28         |
| FUEL                       |          | 29           | 30           | 33           | 34           | 35           | 36           | 37           |
|                            |          | GLEN_5       | GLEN_6       | KAMM_1       | KAMM_2       | KAMM_3       | KANA_1       | KANA_2       |
| ----- YEAR 2011 -----      |          |              |              |              |              |              |              |              |
| FUEL COST                  | \$/MBTU  | 3.97         | 3.97         | 2.97         | 2.97         | 2.97         | 2.27         | 2.27         |
| FUEL FLOW MAXIMUM          | UNIT3/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT          | MBTU/UNT | 25.00        | 25.00        | 22.67        | 22.67        | 22.67        | 24.36        | 24.36        |
| FUEL LIMIT MAXIMUM         | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF



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QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                             |          | 29<br>GLEN_5 | 30<br>GLEN_6 | 33<br>KAMM_1 | 34<br>KAMM_2 | 35<br>KAMM_3 | 36<br>KANA_1 | 37<br>KANA_2 |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |              |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 3.69         | 3.69         | 2.84         | 2.84         | 2.84         | 2.83         | 2.83         |
| SEASONAL FUEL COST POINTER       |          | 121          | 121          | 124          | 124          | 124          | 127          | 127          |
| SEASONAL REPLACEMENT COST POINTE |          | 312          | 312          | 318          | 318          | 318          | 321          | 321          |
| ----- YEAR 2012 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.08         | 4.08         | 3.17         | 3.17         | 3.17         | 2.56         | 2.56         |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00        | 25.00        | 22.58        | 22.58        | 22.58        | 24.00        | 24.00        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 3.31         | 3.31         | 2.26         | 2.26         | 2.26         | 2.42         | 2.42         |
| SEASONAL FUEL COST POINTER       |          | 122          | 122          | 125          | 125          | 125          | 128          | 128          |
| SEASONAL REPLACEMENT COST POINTE |          | 313          | 313          | 319          | 319          | 319          | 322          | 322          |
| ----- YEAR 2013 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.26         | 4.26         | 3.29         | 3.29         | 3.29         | 3.45         | 3.45         |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00        | 25.00        | 22.66        | 22.66        | 22.66        | 24.00        | 24.00        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 250          | 250          | 250          | 250          |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2014 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.38         | 4.38         | 3.37         | 3.37         | 3.37         | 3.33         | 3.33         |
| ----- YEAR 2015 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.44         | 4.44         | 3.49         | 3.49         | 3.49         | 3.38         | 3.38         |
| ----- YEAR 2016 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.49         | 4.49         | 3.52         | 3.52         | 3.52         | 3.42         | 3.42         |
| ----- YEAR 2017 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.52         | 4.52         | 3.49         | 3.49         | 3.49         | 3.49         | 3.49         |
| ----- YEAR 2018 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.61         | 4.61         | 3.56         | 3.56         | 3.56         | 3.55         | 3.55         |
| ----- YEAR 2019 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.71         | 4.71         | 3.64         | 3.64         | 3.64         | 3.62         | 3.62         |
| ----- YEAR 2020 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.81         | 4.81         | 3.73         | 3.73         | 3.73         | 3.69         | 3.69         |
| ----- YEAR 2021 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.92         | 4.92         | 3.81         | 3.81         | 3.81         | 3.76         | 3.76         |
| ----- YEAR 2022 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2023 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2024 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2025 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2026 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2027 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2028 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2029 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2030 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2031 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2032 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2033 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2034 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2035 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2036 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2037 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2038 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2039 -----            |          |              |              |              |              |              |              |              |
| ----- YEAR 2040 -----            |          |              |              |              |              |              |              |              |

|                                                                              |          | 1 A Input Summary.txt |              |              |              |              |              |              |
|------------------------------------------------------------------------------|----------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                                                                         |          | 38                    | 39           | 40           | 41           | 42           | 43           | 44           |
|                                                                              |          | KYGE_1                | KYGE_2       | KYGE_3       | KYGE_4       | KYGE_5       | MITC_1       | MITC_2       |
| ----- YEAR 2011 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 0.53                  | 0.53         | 0.53         | 0.53         | 0.53         | 2.34         | 2.34         |
| FUEL FLOW MAXIMUM                                                            | UNITS/HR | 99999899648.          | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT                                                            | MBTU/UNT | 21.89                 | 21.89        | 21.89        | 21.89        | 21.89        | 24.86        | 24.86        |
| FUEL LIMIT MAXIMUM                                                           | UNIT/DAY | 99999899648.          | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM                                                           | UNIT/DAY | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                                                             | %-KUNITS | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL                                                     | \$/MBTU  | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 2.41         | 2.41         |
| SEASONAL FUEL COST POINTER                                                   |          | 131                   | 131          | 131          | 131          | 131          | 133          | 133          |
| SEASONAL REPLACEMENT COST POINTE                                             |          | 0                     | 0            | 0            | 0            | 0            | 324          | 324          |
| ----- YEAR 2012 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 2.07                  | 2.07         | 2.07         | 2.07         | 2.07         | 2.67         | 2.67         |
| FUEL HEAT CONTENT                                                            | MBTU/UNT | 24.70                 | 24.70        | 24.70        | 24.70        | 24.70        | 24.90        | 24.90        |
| REPLACEMENT COST OF FUEL                                                     | \$/MBTU  | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 2.49         | 2.49         |
| SEASONAL FUEL COST POINTER                                                   |          | 250                   | 250          | 250          | 250          | 250          | 134          | 134          |
| SEASONAL REPLACEMENT COST POINTE                                             |          | 0                     | 0            | 0            | 0            | 0            | 325          | 325          |
| ----- YEAR 2013 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 2.07                  | 2.07         | 2.07         | 2.07         | 2.07         | 2.70         | 2.70         |
| FUEL HEAT CONTENT                                                            | MBTU/UNT | 24.67                 | 24.67        | 24.67        | 24.67        | 24.67        | 24.78        | 24.78        |
| REPLACEMENT COST OF FUEL                                                     | \$/MBTU  | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER                                                   |          | 250                   | 250          | 250          | 250          | 250          | 250          | 250          |
| SEASONAL REPLACEMENT COST POINTE                                             |          | 0                     | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2014 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 2.58                  | 2.58         | 2.58         | 2.58         | 2.58         | 2.69         | 2.69         |
| FUEL HEAT CONTENT                                                            | MBTU/UNT | 24.82                 | 24.82        | 24.82        | 24.82        | 24.82        | 24.78        | 24.78        |
| ----- YEAR 2015 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 2.69                  | 2.69         | 2.69         | 2.69         | 2.69         | 2.74         | 2.74         |
| FUEL HEAT CONTENT                                                            | MBTU/UNT | 25.00                 | 25.00        | 25.00        | 25.00        | 25.00        | 24.76        | 24.76        |
| ----- YEAR 2016 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 2.81                  | 2.81         | 2.81         | 2.81         | 2.81         | 2.88         | 2.88         |
| ----- YEAR 2017 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 2.87                  | 2.87         | 2.87         | 2.87         | 2.87         | 3.08         | 3.08         |
| ----- YEAR 2018 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 2.96                  | 2.96         | 2.96         | 2.96         | 2.96         | 3.16         | 3.16         |
| ----- YEAR 2019 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.02                  | 3.02         | 3.02         | 3.02         | 3.02         | 3.24         | 3.24         |
| ----- YEAR 2020 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.08                  | 3.08         | 3.08         | 3.08         | 3.08         | 3.32         | 3.32         |
| ----- YEAR 2021 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.15                  | 3.15         | 3.15         | 3.15         | 3.15         | 3.41         | 3.41         |
| ----- YEAR 2022 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.15                  | 3.15         | 3.15         | 3.15         | 3.15         | 3.40         | 3.40         |
| FUEL HEAT CONTENT                                                            | MBTU/UNT | 25.00                 | 25.00        | 25.00        | 25.00        | 25.00        | 24.89        | 24.89        |
| ----- YEAR 2023 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.22                  | 3.22         | 3.22         | 3.22         | 3.22         | 3.52         | 3.52         |
| FUEL HEAT CONTENT                                                            | MBTU/UNT | 25.00                 | 25.00        | 25.00        | 25.00        | 25.00        | 24.75        | 24.75        |
| ----- YEAR 2024 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.29                  | 3.29         | 3.29         | 3.29         | 3.29         | 3.61         | 3.61         |
| ----- YEAR 2025 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.37                  | 3.37         | 3.37         | 3.37         | 3.37         | 3.71         | 3.71         |
| ----- YEAR 2026 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.44                  | 3.44         | 3.44         | 3.44         | 3.44         | 3.81         | 3.81         |
| ----- YEAR 2027 -----                                                        |          |                       |              |              |              |              |              |              |
| FUEL COST                                                                    | \$/MBTU  | 3.51                  | 3.51         | 3.51         | 3.51         | 3.51         | 3.90         | 3.90         |
| NOTE: DATA DISPLAYED AFTER 2011 ONLY IF<br>VALUE CHANGED FROM PREVIOUS YEAR. |          |                       |              |              |              |              |              |              |
| * 02/12/13 08:26:45 V04.0 R03.0                                              |          |                       |              |              |              |              |              |              |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  |         | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|-----------------------|---------|--------|--------|--------|--------|--------|--------|--------|
|                       |         | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| ----- YEAR 2028 ----- |         |        |        |        |        |        |        |        |
| FUEL COST             | \$/MBTU | 3.59   | 3.59   | 3.59   | 3.59   | 3.59   | 4.00   | 4.00   |
| ----- YEAR 2029 ----- |         |        |        |        |        |        |        |        |
| FUEL COST             | \$/MBTU | 3.67   | 3.67   | 3.67   | 3.67   | 3.67   | 4.11   | 4.11   |
| ----- YEAR 2030 ----- |         |        |        |        |        |        |        |        |
| FUEL COST             | \$/MBTU | 3.75   | 3.75   | 3.75   | 3.75   | 3.75   | 4.21   | 4.21   |

|                                  |          |              |              |              |              |              |              |              |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2031 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 3.83         | 3.83         | 3.83         | 3.83         | 3.83         | 4.31         | 4.31         |
| ----- YEAR 2032 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 3.91         | 3.91         | 3.91         | 3.91         | 3.91         | 4.42         | 4.42         |
| ----- YEAR 2033 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.00         | 4.00         | 4.00         | 4.00         | 4.00         | 4.53         | 4.53         |
| ----- YEAR 2034 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.08         | 4.08         | 4.08         | 4.08         | 4.08         | 4.64         | 4.64         |
| ----- YEAR 2035 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.17         | 4.17         | 4.17         | 4.17         | 4.17         | 4.76         | 4.76         |
| ----- YEAR 2036 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.25         | 4.25         | 4.25         | 4.25         | 4.25         | 4.85         | 4.85         |
| ----- YEAR 2037 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.34         | 4.34         | 4.34         | 4.34         | 4.34         | 4.94         | 4.94         |
| ----- YEAR 2038 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.42         | 4.42         | 4.42         | 4.42         | 4.42         | 5.03         | 5.03         |
| ----- YEAR 2039 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.51         | 4.51         | 4.51         | 4.51         | 4.51         | 5.12         | 5.12         |
| ----- YEAR 2040 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 4.60         | 4.60         | 4.60         | 4.60         | 4.60         | 5.22         | 5.22         |
| FUEL                             |          | 45           | 46           | 47           | 48           | 49           | 50           | 51           |
|                                  |          | MTRN_6_0     | MUSK_1       | MUSK_2       | MUSK_3       | MUSK_4       | MUSK_5       | PSPN_1       |
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.22         | 2.23         | 2.23         | 2.23         | 2.23         | 2.89         | 2.87         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.50        | 25.04        | 25.04        | 25.04        | 25.04        | 24.02        | 24.18        |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$ /MBTU | 2.18         | 2.48         | 2.48         | 2.48         | 2.48         | 3.00         | 2.80         |
| SEASONAL FUEL COST POINTER       |          | 136          | 139          | 139          | 139          | 139          | 142          | 145          |
| SEASONAL REPLACEMENT COST POINTE |          | 315          | 327          | 327          | 327          | 327          | 330          | 333          |
| ----- YEAR 2012 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.55         | 3.15         | 3.15         | 3.15         | 3.15         | 3.56         | 3.47         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.74        | 26.00        | 26.00        | 26.00        | 26.00        | 24.13        | 24.02        |
| REPLACEMENT COST OF FUEL         | \$ /MBTU | 2.01         | 3.03         | 3.03         | 3.03         | 3.03         | 2.83         | 2.47         |
| SEASONAL FUEL COST POINTER       |          | 137          | 140          | 140          | 140          | 140          | 143          | 146          |
| SEASONAL REPLACEMENT COST POINTE |          | 316          | 328          | 328          | 328          | 328          | 331          | 334          |
| ----- YEAR 2013 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.36         | 3.24         | 3.24         | 3.24         | 3.24         | 4.03         | 3.56         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.99        | 26.00        | 26.00        | 26.00        | 26.00        | 25.00        | 24.00        |
| REPLACEMENT COST OF FUEL         | \$ /MBTU | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 250          | 250          | 250          | 250          |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2014 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.47         | 3.27         | 3.27         | 3.27         | 3.27         | 4.14         | 3.61         |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00        | 26.00        | 26.00        | 26.00        | 26.00        | 25.00        | 24.00        |
| ----- YEAR 2015 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.57         | 3.39         | 3.39         | 3.39         | 3.39         | 4.18         | 3.61         |
| ----- YEAR 2016 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.67         | 3.48         | 3.48         | 3.48         | 3.48         | 3.48         | 3.61         |
| FUEL HEAT CONTENT                | MBTU/UNT | 25.00        | 26.00        | 26.00        | 26.00        | 26.00        | 26.00        | 24.00        |
| ----- YEAR 2017 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.71         | 3.55         | 3.55         | 3.55         | 3.55         | 3.55         | 3.57         |
| ----- YEAR 2018 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.78         | 3.64         | 3.64         | 3.64         | 3.64         | 3.64         | 3.64         |
| ----- YEAR 2019 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.83         | 3.71         | 3.71         | 3.71         | 3.71         | 3.71         | 3.71         |
| ----- YEAR 2020 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.88         | 3.79         | 3.79         | 3.79         | 3.79         | 3.79         | 3.78         |
| ----- YEAR 2021 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.94         | 3.88         | 3.88         | 3.88         | 3.88         | 3.88         | 3.86         |
| ----- YEAR 2022 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 2.94         | 0.00         | 0.00         | 0.00         | 0.00         | 3.87         | 0.00         |
| ----- YEAR 2023 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$ /MBTU | 3.00         | 0.00         | 0.00         | 0.00         | 0.00         | 3.95         | 0.00         |
|                                  |          |              |              |              |              |              |              |              |

1 A Input Summary.txt

| YEAR                  | FUEL COST | \$/MBTU     | 52          | 53          | 54          | 55          | 56          | 58          | 59       |
|-----------------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
|                       |           |             | PSPN_2      | PSPN_3      | PSPN_4      | PSPN_5      | PICW_5      | ROCK_1IM    | ROCK_2IM |
| ----- YEAR 2027 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.25        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.30        | 0.00     |
| ----- YEAR 2028 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.32        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.40        | 0.00     |
| ----- YEAR 2029 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.39        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.49        | 0.00     |
| ----- YEAR 2030 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.46        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.58        | 0.00     |
| ----- YEAR 2031 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.53        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.68        | 0.00     |
| ----- YEAR 2032 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.60        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.78        | 0.00     |
| ----- YEAR 2033 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.67        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.88        | 0.00     |
| ----- YEAR 2034 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.75        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 4.98        | 0.00     |
| ----- YEAR 2035 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.82        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 5.09        | 0.00     |
| ----- YEAR 2036 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.89        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 5.19        | 0.00     |
| ----- YEAR 2037 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 3.97        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 5.29        | 0.00     |
| ----- YEAR 2038 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 4.04        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 5.39        | 0.00     |
| ----- YEAR 2039 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 4.11        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 5.50        | 0.00     |
| ----- YEAR 2040 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 4.19        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 5.61        | 0.00     |
| FUEL                  |           |             | 52          | 53          | 54          | 55          | 56          | 58          | 59       |
|                       |           |             | PSPN_2      | PSPN_3      | PSPN_4      | PSPN_5      | PICW_5      | ROCK_1IM    | ROCK_2IM |
| ----- YEAR 2011 ----- |           |             |             |             |             |             |             |             |          |
| FUEL COST             | \$/MBTU   | 2.87        | 2.87        | 2.87        | 2.87        | 3.05        | 2.11        | 2.11        |          |
| FUEL FLOW MAXIMUM     | UNITS/HR  | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 |          |
| FUEL HEAT CONTENT     | MBTU/UNT  | 24.18       | 24.18       | 24.18       | 24.18       | 23.00       | 18.12       | 18.12       |          |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                             | 52       | 53          | 54          | 55          | 56          | 58          | 59          |
|----------------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                  | PSPN_2   | PSPN_3      | PSPN_4      | PSPN_5      | PICW_5      | ROCK_1IM    | ROCK_2IM    |
| ----- YEAR 2011 -----            |          |             |             |             |             |             |             |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 | 99999899648 |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| INVENTORY FACTOR                 | %-KUNITS | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 2.80        | 2.80        | 2.80        | 2.80        | 3.34        | 2.08        |
| SEASONAL FUEL COST POINTER       |          | 145         | 145         | 145         | 145         | 148         | 151         |
| SEASONAL REPLACEMENT COST POINTE |          | 333         | 333         | 333         | 333         | 395         | 337         |
| ----- YEAR 2012 -----            |          |             |             |             |             |             |             |
| FUEL COST                        | \$/MBTU  | 3.47        | 3.47        | 3.47        | 3.47        | 3.15        | 2.02        |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.02       | 24.02       | 24.02       | 24.02       | 23.00       | 18.30       |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 2.47        | 2.47        | 2.47        | 2.47        | 2.50        | 1.94        |
| SEASONAL FUEL COST POINTER       |          | 146         | 146         | 146         | 146         | 149         | 152         |
| SEASONAL REPLACEMENT COST POINTE |          | 334         | 334         | 334         | 334         | 396         | 338         |
| ----- YEAR 2013 -----            |          |             |             |             |             |             |             |
| FUEL COST                        | \$/MBTU  | 3.56        | 3.56        | 3.56        | 3.56        | 3.21        | 2.52        |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.00       | 24.00       | 24.00       | 24.00       | 23.00       | 18.18       |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| SEASONAL FUEL COST POINTER       |          | 250         | 250         | 250         | 250         | 250         | 250         |
| SEASONAL REPLACEMENT COST POINTE |          | 0           | 0           | 0           | 0           | 0           | 0           |
| ----- YEAR 2014 -----            |          |             |             |             |             |             |             |
| FUEL COST                        | \$/MBTU  | 3.61        | 3.61        | 3.61        | 3.61        | 3.19        | 2.46        |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.00       | 24.00       | 24.00       | 24.00       | 23.00       | 18.29       |
| ----- YEAR 2015 -----            |          |             |             |             |             |             |             |
| FUEL COST                        | \$/MBTU  | 3.61        | 3.61        | 3.61        | 3.61        | 3.31        | 2.77        |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.00       | 24.00       | 24.00       | 24.00       | 23.00       | 18.38       |
| ----- YEAR 2016 -----            |          |             |             |             |             |             |             |
| FUEL COST                        | \$/MBTU  | 3.61        | 3.61        | 3.61        | 3.61        | 3.36        | 2.27        |



|                                  |         | 1 A Input Summary.txt |      |      |      |      |      |      |
|----------------------------------|---------|-----------------------|------|------|------|------|------|------|
| FUEL COST                        | \$/MBTU | 2.94                  | 2.94 | 2.94 | 2.94 | 6.17 | 3.23 | 3.23 |
| REPLACEMENT COST OF FUEL         | \$/MBTU | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |         | 250                   | 250  | 250  | 250  | 62   | 250  | 250  |
| SEASONAL REPLACEMENT COST POINTE |         | 0                     | 0    | 0    | 0    | 0    | 0    | 0    |
| ----- YEAR 2014 -----            |         |                       |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU | 2.95                  | 2.95 | 2.95 | 2.95 | 6.32 | 3.88 | 3.88 |
| ----- YEAR 2015 -----            |         |                       |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU | 2.95                  | 2.95 | 2.95 | 2.95 | 5.29 | 3.86 | 3.86 |
| ----- YEAR 2016 -----            |         |                       |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU | 2.97                  | 2.97 | 2.97 | 2.97 | 5.70 | 3.85 | 3.85 |
| ----- YEAR 2017 -----            |         |                       |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU | 2.98                  | 2.98 | 2.98 | 2.98 | 5.83 | 3.84 | 3.84 |
| ----- YEAR 2018 -----            |         |                       |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU | 3.03                  | 3.03 | 3.03 | 3.03 | 6.00 | 3.91 | 3.91 |
| ----- YEAR 2019 -----            |         |                       |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU | 3.08                  | 3.08 | 3.08 | 3.08 | 6.12 | 3.99 | 3.99 |
| ----- YEAR 2020 -----            |         |                       |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU | 3.13                  | 3.13 | 3.13 | 3.13 | 6.17 | 4.07 | 4.07 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  |         | 61<br>STUA_1 | 62<br>STUA_2 | 63<br>STUA_3 | 64<br>STUA_4 | 65<br>BS1_CC | 66<br>TANN_1 | 67<br>TANN_2 |
|-----------------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2021 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.20         | 3.20         | 3.20         | 3.20         | 6.38         | 4.16         | 4.16         |
| ----- YEAR 2022 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.21         | 3.21         | 3.21         | 3.21         | 6.65         | 0.00         | 0.00         |
| ----- YEAR 2023 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.28         | 3.28         | 3.28         | 3.28         | 6.82         | 0.00         | 0.00         |
| ----- YEAR 2024 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.35         | 3.35         | 3.35         | 3.35         | 7.04         | 0.00         | 0.00         |
| ----- YEAR 2025 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.42         | 3.42         | 3.42         | 3.42         | 7.25         | 0.00         | 0.00         |
| ----- YEAR 2026 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.50         | 3.50         | 3.50         | 3.50         | 7.34         | 0.00         | 0.00         |
| ----- YEAR 2027 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.57         | 3.57         | 3.57         | 3.57         | 7.51         | 0.00         | 0.00         |
| ----- YEAR 2028 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.64         | 3.64         | 3.64         | 3.64         | 7.67         | 0.00         | 0.00         |
| ----- YEAR 2029 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.72         | 3.72         | 3.72         | 3.72         | 7.83         | 0.00         | 0.00         |
| ----- YEAR 2030 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.80         | 3.80         | 3.80         | 3.80         | 7.93         | 0.00         | 0.00         |
| ----- YEAR 2031 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.88         | 3.88         | 3.88         | 3.88         | 8.09         | 0.00         | 0.00         |
| ----- YEAR 2032 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 3.96         | 3.96         | 3.96         | 3.96         | 8.25         | 0.00         | 0.00         |
| ----- YEAR 2033 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 4.04         | 4.04         | 4.04         | 4.04         | 8.42         | 0.00         | 0.00         |
| ----- YEAR 2034 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 4.12         | 4.12         | 4.12         | 4.12         | 8.59         | 0.00         | 0.00         |
| ----- YEAR 2035 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 4.21         | 4.21         | 4.21         | 4.21         | 8.76         | 0.00         | 0.00         |
| ----- YEAR 2036 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 4.29         | 4.29         | 4.29         | 4.29         | 8.93         | 0.00         | 0.00         |
| ----- YEAR 2037 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 4.38         | 4.38         | 4.38         | 4.38         | 10.80        | 0.00         | 0.00         |
| ----- YEAR 2038 ----- |         |              |              |              |              |              |              |              |
| FUEL COST             | \$/MBTU | 4.47         | 4.47         | 4.47         | 4.47         | 11.01        | 0.00         | 0.00         |
| ----- YEAR 2039 ----- |         |              |              |              |              |              |              |              |

|                                  |          |              |              |              |              |              |              |              |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 A Input Summary.txt            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.55         | 4.55         | 4.55         | 4.55         | 11.21        | 0.00         | 0.00         |
| ----- YEAR 2040 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.64         | 4.64         | 4.64         | 4.64         | 11.42        | 0.00         | 0.00         |
| FUEL                             |          | 68           | 69           | 70           | 71           | 72           | 73           | 74           |
|                                  |          | TANN_3       | TANN_4       | ZIMM_1       | TCO_POOL     | DOMINON      | TCO_DELV     | CEREDO       |
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.31         | 1.78         | 2.44         | 4.88         | 4.93         | 5.19         | 4.93         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.11        | 19.28        | 23.70        | 1.03         | 1.03         | 1.03         | 1.03         |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 2.99         | 2.26         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 157          | 160          | 163          | 1            | 215          | 31           | 166          |
| SEASONAL REPLACEMENT COST POINTE |          | 340          | 343          | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2012 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 2.93         | 2.21         | 2.59         | 5.27         | 5.30         | 5.58         | 4.96         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.00        | 18.69        | 23.70        | 1.03         | 1.03         | 1.03         | 1.03         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 3.02         | 2.20         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 158          | 161          | 164          | 2            | 216          | 32           | 171          |
| SEASONAL REPLACEMENT COST POINTE |          | 341          | 344          | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2013 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.23         | 3.02         | 2.64         | 5.70         | 5.75         | 6.02         | 5.46         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 3            | 217          | 33           | 172          |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2014 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.88         | 3.11         | 2.66         | 6.11         | 6.11         | 6.44         | 5.73         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 4            | 218          | 34           | 173          |
| ----- YEAR 2015 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.86         | 3.13         | 2.58         | 6.22         | 6.25         | 6.56         | 5.87         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 5            | 219          | 35           | 174          |
| ----- YEAR 2016 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.85         | 3.21         | 2.64         | 6.69         | 6.72         | 7.03         | 6.08         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 6            | 220          | 36           | 175          |
| ----- YEAR 2017 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.84         | 3.09         | 2.69         | 6.83         | 6.86         | 7.18         | 6.11         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 7            | 221          | 37           | 176          |
| ----- YEAR 2018 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.91         | 3.35         | 2.74         | 7.02         | 7.05         | 7.38         | 6.35         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 8            | 222          | 38           | 177          |
| ----- YEAR 2019 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 3.99         | 3.45         | 2.79         | 7.16         | 7.19         | 7.51         | 6.56         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 9            | 223          | 39           | 358          |
| ----- YEAR 2020 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.07         | 3.53         | 2.84         | 7.22         | 7.25         | 7.57         | 6.73         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 10           | 224          | 40           | 362          |
| ----- YEAR 2021 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.16         | 3.63         | 2.89         | 7.46         | 7.49         | 7.82         | 6.95         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 11           | 225          | 41           | 250          |
| ----- YEAR 2022 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 3.70         | 3.00         | 7.77         | 7.80         | 8.13         | 7.21         |
| FUEL HEAT CONTENT                | MBTU/UNT | 24.00        | 18.69        | 24.00        | 1.03         | 1.03         | 1.03         | 1.03         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 12           | 226          | 42           | 250          |
| ----- YEAR 2023 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 3.79         | 3.07         | 7.97         | 8.00         | 8.34         | 7.40         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 13           | 227          | 43           | 250          |
| ----- YEAR 2024 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 3.88         | 3.13         | 8.21         | 8.24         | 8.59         | 7.62         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 14           | 228          | 44           | 250          |
| ----- YEAR 2025 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 3.98         | 3.20         | 8.45         | 8.48         | 8.83         | 7.83         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 15           | 229          | 45           | 250          |
| ----- YEAR 2026 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.07         | 3.27         | 8.56         | 8.59         | 8.94         | 7.93         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 16           | 230          | 46           | 250          |
| ----- YEAR 2027 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.17         | 3.34         | 8.75         | 8.78         | 9.14         | 8.10         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 17           | 231          | 47           | 250          |
| ----- YEAR 2028 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.27         | 3.42         | 8.94         | 8.97         | 9.33         | 8.27         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 18           | 232          | 48           | 250          |
| ----- YEAR 2029 -----            |          |              |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.38         | 3.49         | 9.13         | 9.16         | 9.52         | 8.44         |
| SEASONAL FUEL COST POINTER       |          | 250          | 250          | 250          | 19           | 233          | 49           | 250          |
| ----- YEAR 2030 -----            |          |              |              |              |              |              |              |              |

|                            |         |                       |      |      |      |      |      |      |
|----------------------------|---------|-----------------------|------|------|------|------|------|------|
|                            |         | 1 A Input Summary.txt |      |      |      |      |      |      |
| FUEL COST                  | \$/MBTU | 0.00                  | 4.48 | 3.57 | 9.26 | 9.29 | 9.65 | 8.56 |
| SEASONAL FUEL COST POINTER |         | 250                   | 250  | 250  | 20   | 234  | 50   | 250  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                             |          | 68<br>TANN_3 | 69<br>TANN_4  | 70<br>ZIMM_1 | 71<br>TCO_POOL | 72<br>DOMINON  | 73<br>TCO_DELV | 74<br>CEREDO   |
|----------------------------------|----------|--------------|---------------|--------------|----------------|----------------|----------------|----------------|
| ----- YEAR 2031 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.59          | 3.64         | 9.42           | 9.45           | 9.81           | 8.70           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 21             | 235            | 51             | 250            |
| ----- YEAR 2032 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.70          | 3.72         | 9.60           | 9.63           | 9.99           | 8.86           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 22             | 236            | 52             | 250            |
| ----- YEAR 2033 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.81          | 3.80         | 9.78           | 9.81           | 10.17          | 9.02           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 23             | 237            | 53             | 250            |
| ----- YEAR 2034 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 4.93          | 3.89         | 9.95           | 9.98           | 10.35          | 9.18           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 24             | 238            | 54             | 250            |
| ----- YEAR 2035 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 5.05          | 3.97         | 10.12          | 10.15          | 10.52          | 9.33           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 25             | 239            | 55             | 250            |
| ----- YEAR 2036 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 5.16          | 4.05         | 10.31          | 10.34          | 10.70          | 9.50           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 26             | 240            | 56             | 250            |
| ----- YEAR 2037 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 5.28          | 4.13         | 10.49          | 10.52          | 10.89          | 9.67           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 27             | 241            | 57             | 250            |
| ----- YEAR 2038 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 5.41          | 4.22         | 10.68          | 10.71          | 11.08          | 9.83           |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 28             | 242            | 58             | 250            |
| ----- YEAR 2039 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 5.53          | 4.30         | 10.87          | 10.90          | 11.27          | 10.01          |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 29             | 243            | 59             | 250            |
| ----- YEAR 2040 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 0.00         | 5.66          | 4.39         | 11.07          | 11.10          | 11.47          | 10.18          |
| SEASONAL FUEL COST POINTER       |          | 250          | 250           | 250          | 30             | 244            | 60             | 250            |
| FUEL                             |          | 75<br>DARBY  | 76<br>DRESDEN | 77<br>LAWRNG | 78<br>ROBMONE  | 79<br>WATERFOR | 80<br>ROCK_5.1 | 81<br>MR5_NGCC |
| ----- YEAR 2011 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 4.93         | 4.93          | 4.93         | 4.93           | 4.93           | 0.00           | 4.48           |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648. | 99999899648.  | 99999899648. | 99999899648.   | 99999899648.   | 99999899648.   | 99999899648.   |
| FUEL HEAT CONTENT                | MBTU/UNT | 1.03         | 1.03          | 1.03         | 1.03           | 1.03           | 21.12          | 1.03           |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648. | 99999899648.  | 99999899648. | 99999899648.   | 99999899648.   | 99999899648.   | 99999899648.   |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00          | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           |
| SEASONAL FUEL COST POINTER       |          | 364          | 250           | 191          | 203            | 171            | 250            | 0              |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0             | 0            | 0              | 0              | 0              | 0              |
| ----- YEAR 2012 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 4.96         | 4.96          | 4.96         | 4.96           | 4.96           | 0.00           | 4.54           |
| SEASONAL FUEL COST POINTER       |          | 365          | 250           | 192          | 204            | 172            | 250            | 0              |
| ----- YEAR 2013 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 5.46         | 5.46          | 5.46         | 5.46           | 5.46           | 0.00           | 5.07           |
| SEASONAL FUEL COST POINTER       |          | 366          | 179           | 193          | 205            | 374            | 250            | 0              |
| ----- YEAR 2014 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 5.73         | 5.73          | 5.73         | 5.73           | 5.73           | 0.00           | 5.46           |
| SEASONAL FUEL COST POINTER       |          | 367          | 180           | 194          | 206            | 375            | 250            | 0              |
| ----- YEAR 2015 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 5.87         | 5.87          | 5.87         | 5.87           | 5.87           | 2.40           | 5.59           |
| SEASONAL FUEL COST POINTER       |          | 368          | 181           | 195          | 207            | 376            | 250            | 0              |
| ----- YEAR 2016 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 6.08         | 6.08          | 6.08         | 6.08           | 6.08           | 2.44           | 5.80           |
| SEASONAL FUEL COST POINTER       |          | 369          | 182           | 196          | 208            | 377            | 250            | 0              |
| ----- YEAR 2017 -----            |          |              |               |              |                |                |                |                |
| FUEL COST                        | \$/MBTU  | 6.11         | 6.11          | 6.11         | 6.11           | 6.11           | 2.48           | 5.96           |
| SEASONAL FUEL COST POINTER       |          | 370          | 183           | 197          | 209            | 378            | 250            | 0              |



## 1 A Input Summary.txt

| YEAR 2018         |                            |          | 6.35         | 6.35         | 6.35         | 6.35         | 6.35         | 2.52         | 6.51         |
|-------------------|----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL COST         | SEASONAL FUEL COST POINTER | \$/MBTU  | 371          | 184          | 198          | 210          | 379          | 250          | 0            |
| YEAR 2019         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         | SEASONAL FUEL COST POINTER | \$/MBTU  | 6.56         | 6.56         | 6.56         | 6.56         | 6.56         | 2.56         | 6.75         |
|                   |                            |          | 372          | 184          | 199          | 211          | 380          | 250          | 0            |
| YEAR 2020         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         | SEASONAL FUEL COST POINTER | \$/MBTU  | 6.73         | 6.73         | 6.73         | 6.73         | 6.73         | 2.61         | 6.91         |
|                   |                            |          | 373          | 186          | 200          | 212          | 381          | 250          | 0            |
| YEAR 2021         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 6.95         | 6.95         | 6.95         | 6.95         | 6.95         | 2.66         | 7.15         |
| YEAR 2022         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 7.21         | 7.21         | 7.21         | 7.21         | 7.21         | 2.67         | 7.29         |
| YEAR 2023         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 7.40         | 7.40         | 7.40         | 7.40         | 7.40         | 2.72         | 7.49         |
| YEAR 2024         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 7.62         | 7.62         | 7.62         | 7.62         | 7.62         | 2.78         | 7.74         |
| YEAR 2025         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 7.83         | 7.83         | 7.83         | 7.83         | 7.83         | 2.84         | 7.96         |
| YEAR 2026         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 7.93         | 7.93         | 7.93         | 7.93         | 7.93         | 2.89         | 8.09         |
| YEAR 2027         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 8.10         | 8.10         | 8.10         | 8.10         | 8.10         | 2.95         | 8.27         |
| YEAR 2028         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 8.27         | 8.27         | 8.27         | 8.27         | 8.27         | 3.01         | 8.44         |
| YEAR 2029         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 8.44         | 8.44         | 8.44         | 8.44         | 8.44         | 3.07         | 8.64         |
| YEAR 2030         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 8.56         | 8.56         | 8.56         | 8.56         | 8.56         | 3.14         | 8.75         |
| YEAR 2031         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 8.70         | 8.70         | 8.70         | 8.70         | 8.70         | 3.20         | 8.86         |
| YEAR 2032         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 8.86         | 8.86         | 8.86         | 8.86         | 8.86         | 3.26         | 8.96         |
| YEAR 2033         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 9.02         | 9.02         | 9.02         | 9.02         | 9.02         | 3.33         | 9.07         |
| YEAR 2034         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 9.18         | 9.18         | 9.18         | 9.18         | 9.18         | 3.40         | 9.18         |
| YEAR 2035         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 9.33         | 9.33         | 9.33         | 9.33         | 9.33         | 3.47         | 9.29         |
| YEAR 2036         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 9.50         | 9.50         | 9.50         | 9.50         | 9.50         | 3.53         | 9.40         |
| YEAR 2037         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 9.67         | 9.67         | 9.67         | 9.67         | 9.67         | 3.60         | 9.51         |
| YEAR 2038         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 9.83         | 9.83         | 9.83         | 9.83         | 9.83         | 3.67         | 9.63         |
| YEAR 2039         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 10.01        | 10.01        | 10.01        | 10.01        | 10.01        | 3.74         | 9.74         |
| YEAR 2040         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 10.18        | 10.18        | 10.18        | 10.18        | 10.18        | 3.81         | 9.86         |
| FUEL              |                            |          | 82           | 83           | 84           | 85           | 86           | 87           | 88           |
|                   |                            |          | BS_RPWR      | BS_NGCC      |              |              |              |              |              |
| YEAR 2011         |                            |          |              |              |              |              |              |              |              |
| FUEL COST         |                            | \$/MBTU  | 1.00         | 1.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL FLOW MAXIMUM |                            | UNITS/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT |                            | MBTU/UNT | 1.03         | 1.03         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.

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GENERATION AND FUEL MODULE  
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QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL               | 82       | 83           | 84           | 85           | 86           | 87           | 88           |
|--------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|
|                    | BS_RPWR  | BS_NGCC      |              |              |              |              |              |
| YEAR 2011          |          |              |              |              |              |              |              |
| FUEL LIMIT MAXIMUM | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |

|                                  |          |                       |              |              |              |              |              |              |
|----------------------------------|----------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                  |          | 1 A Input Summary.txt |              |              |              |              |              |              |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 62                    | 62           | 0            | 0            | 0            | 0            | 0            |
| SEASONAL REPLACEMENT COST POINTE |          | 0                     | 0            | 0            | 0            | 0            | 0            | 0            |
|                                  |          |                       |              |              |              |              |              |              |
| ----- YEAR 2012 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 4.62                  | 4.61         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2013 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 5.04                  | 5.03         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2014 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 5.49                  | 5.48         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2015 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 5.64                  | 5.63         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2016 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 6.11                  | 6.11         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2017 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 6.26                  | 6.26         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2018 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 6.46                  | 6.46         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2019 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 6.60                  | 6.60         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2020 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 6.66                  | 6.66         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2021 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 6.91                  | 6.91         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2022 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 7.24                  | 7.24         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2023 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 7.43                  | 7.43         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2024 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 7.68                  | 7.68         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2025 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 7.93                  | 7.93         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2026 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 8.04                  | 8.04         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2027 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 8.23                  | 8.23         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2028 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 8.41                  | 8.41         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2029 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 8.60                  | 8.60         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2030 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 8.73                  | 8.73         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2031 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 8.90                  | 8.90         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2032 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 9.07                  | 9.07         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2033 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 9.23                  | 9.23         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2034 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 9.40                  | 9.39         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2035 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 9.57                  | 9.57         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2036 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 9.75                  | 9.75         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2037 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 9.94                  | 9.94         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2038 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 10.13                 | 10.13        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2039 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 10.32                 | 10.32        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2040 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 10.52                 | 10.52        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL                             |          | 89                    | 90           | 91           | 92           | 93           | 94           | 95           |
|                                  |          |                       |              |              |              |              |              |              |
| ----- YEAR 2011 -----            |          |                       |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648.          | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |

|                                  |          |                                                                                      |      |      |      |      |      |      |
|----------------------------------|----------|--------------------------------------------------------------------------------------|------|------|------|------|------|------|
| 1 A Input Summary.txt            |          |                                                                                      |      |      |      |      |      |      |
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |      |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    | 0    |
| SEASONAL REPLACEMENT COST POINTE |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:26:46 V04.0 R03.0

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

|      |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|
| FUEL | 89 | 90 | 91 | 92 | 93 | 94 | 95 |
|------|----|----|----|----|----|----|----|

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|      |    |    |    |    |     |     |     |
|------|----|----|----|----|-----|-----|-----|
| FUEL | 96 | 97 | 98 | 99 | 100 | 101 | 102 |
|------|----|----|----|----|-----|-----|-----|

|                                  |          |                                                                                      |      |      |      |      |      |      |
|----------------------------------|----------|--------------------------------------------------------------------------------------|------|------|------|------|------|------|
| ----- YEAR 2011 -----            |          |                                                                                      |      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |      |
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |      |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    | 0    |
| SEASONAL REPLACEMENT COST POINTE |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----

1 A Input Summary.txt

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL                             | 103      | 104          | 105          | 106          | 107          | 108          | 109          |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 0            | 0            | 0            | 0            | 0            | 0            |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                             | 110      | 111          | 112          | 113          | 114          | 115          | 116          |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 0            | 0            | 0            | 0            | 0            | 0            |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2012 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2013 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2014 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2015 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2016 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2017 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2018 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2019 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2020 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2021 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2022 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2023 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2024 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2025 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2026 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2027 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2028 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2029 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2030 -----            |          |              |              |              |              |              |              |

1 A Input Summary.txt

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|      |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|
| FUEL | 117 | 118 | 119 | 120 | 121 | 122 | 123 |
|------|-----|-----|-----|-----|-----|-----|-----|

|                                  |          |                                                                                      |      |      |      |      |      |
|----------------------------------|----------|--------------------------------------------------------------------------------------|------|------|------|------|------|
| ----- YEAR 2011 -----            |          |                                                                                      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    |
| SEASONAL REPLACEMENT COST POINTE |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|      |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|
| FUEL | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
|------|-----|-----|-----|-----|-----|-----|-----|

|                       |          |                                                                                      |      |      |      |      |      |
|-----------------------|----------|--------------------------------------------------------------------------------------|------|------|------|------|------|
| ----- YEAR 2011 ----- |          |                                                                                      |      |      |      |      |      |
| FUEL COST             | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL FLOW MAXIMUM     | UNITS/HR | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |

| 1 A Input Summary.txt            |          |                                                                                                              |      |      |      |      |      |      |
|----------------------------------|----------|--------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00                                                                                                         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |      |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00                                                                                                         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                                                                                                         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                                                                                                         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |          | 0                                                                                                            | 0    | 0    | 0    | 0    | 0    | 0    |
| SEASONAL REPLACEMENT COST POINTE |          | 0                                                                                                            | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|
| ----- YEAR 2013 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2014 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2015 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2016 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2017 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2018 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2019 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2020 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2021 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2022 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2023 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2024 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2025 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2026 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2027 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2028 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2029 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2030 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2031 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2032 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2033 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2034 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2035 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2036 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2037 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2038 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2039 ----- |     |     |     |     |     |     |     |
| ----- YEAR 2040 ----- |     |     |     |     |     |     |     |
| FUEL                  | 131 | 132 | 133 | 134 | 135 | 136 | 137 |

|                                  |          |                                                                                                  |      |      |      |      |      |
|----------------------------------|----------|--------------------------------------------------------------------------------------------------|------|------|------|------|------|
| ----- YEAR 2011 -----            |          |                                                                                                  |      |      |      |      |      |
| FUEL COST                        | \$/MBTU  | 0.00                                                                                             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00                                                                                             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00                                                                                             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                                                                                             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                                                                                             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |          | 0                                                                                                | 0    | 0    | 0    | 0    | 0    |
| SEASONAL REPLACEMENT COST POINTE |          | 0                                                                                                | 0    | 0    | 0    | 0    | 0    |
| ----- YEAR 2012 -----            |          |                                                                                                  |      |      |      |      |      |

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL | 138 | 142 | 158 | 159 | 160 | 161 | 162 |
|------|-----|-----|-----|-----|-----|-----|-----|
|------|-----|-----|-----|-----|-----|-----|-----|

|                                  |          |                                                                                      |      |      |      |      |      |
|----------------------------------|----------|--------------------------------------------------------------------------------------|------|------|------|------|------|
| ----- YEAR 2011 -----            |          |                                                                                      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL HEAT CONTENT                | MBTU/UNT | 0.00                                                                                 | 2.25 | 1.00 | 1.00 | 1.00 | 1.00 |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    |
| SEASONAL REPLACEMENT COST POINTE |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.



| FUEL                  | 138      | 142  | 158  | 159  | 160  | 161  | 162  |
|-----------------------|----------|------|------|------|------|------|------|
| ----- YEAR 2020 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2021 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2022 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2023 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2024 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2025 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2026 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2027 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2028 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2029 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2030 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2031 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2032 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2033 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2034 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2035 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2036 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2037 ----- |          |      |      |      |      |      |      |
| FUEL HEAT CONTENT     | MBTU/UNT | 0.00 | 2.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2038 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2039 ----- |          |      |      |      |      |      |      |
| ----- YEAR 2040 ----- |          |      |      |      |      |      |      |

| FUEL                             | 163      | 164                                                                                  | 165  | 166  | 167  | 168  | 169  |
|----------------------------------|----------|--------------------------------------------------------------------------------------|------|------|------|------|------|
| ----- YEAR 2011 -----            |          |                                                                                      |      |      |      |      |      |
| FUEL COST                        | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL HEAT CONTENT                | MBTU/UNT | 1.00                                                                                 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648. |      |      |      |      |      |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INVENTORY FACTOR                 | %-KUNITS | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00                                                                                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL FUEL COST POINTER       |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    |
| SEASONAL REPLACEMENT COST POINTE |          | 0                                                                                    | 0    | 0    | 0    | 0    | 0    |
| ----- YEAR 2012 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2013 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2014 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2015 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2016 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2017 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2018 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2019 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2020 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2021 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2022 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2023 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2024 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2025 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2026 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2027 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2028 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2029 -----            |          |                                                                                      |      |      |      |      |      |
| ----- YEAR 2030 -----            |          |                                                                                      |      |      |      |      |      |

1 A Input Summary.txt

```

----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
FUEL HEAT CONTENT      MBTU/UNT      0.00      0.00      0.00      0.00      0.00      0.00      0.00
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
FUEL                  170      171      172      173      174      175      176

```

```

----- YEAR 2011 -----
FUEL COST              $/MBTU      0.00      0.00      0.00      0.00      0.00      0.00      0.00
FUEL FLOW MAXIMUM      UNITS/HR  99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.
FUEL HEAT CONTENT      MBTU/UNT      1.00      1.00      1.00      1.00      1.00      1.00      1.00
FUEL LIMIT MAXIMUM      UNIT/DAY  99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.
FUEL LIMIT MINIMUM      UNIT/DAY      0.00      0.00      0.00      0.00      0.00      0.00      0.00
INVENTORY FACTOR        %-KUNITS    0.00      0.00      0.00      0.00      0.00      0.00      0.00
REPLACEMENT COST OF FUEL $/MBTU      0.00      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL COST POINTER      0      0      0      0      0      0      0
SEASONAL REPLACEMENT COST POINTE      0      0      0      0      0      0      0

```

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----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----

```

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

```

FUEL                  170      171      172      173      174      175      176
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----

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1 A Input Summary.txt

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----- YEAR 2036 -----
----- YEAR 2037 -----
FUEL HEAT CONTENT          MBTU/UNT      0.00      0.00      0.00      0.00      0.00      0.00      0.00
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

FUEL                        177      178      179      180      181      182      183

----- YEAR 2011 -----
FUEL COST                  $/MBTU      0.00      0.00      0.00      0.00      0.00      0.00      0.00
FUEL FLOW MAXIMUM          UNITS/HR 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.
FUEL HEAT CONTENT          MBTU/UNT      1.00      1.00      1.00      1.00      1.00      1.00      1.00
FUEL LIMIT MAXIMUM         UNIT/DAY 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.
FUEL LIMIT MINIMUM         UNIT/DAY      0.00      0.00      0.00      0.00      0.00      0.00      0.00
INVENTORY FACTOR           %-KUNITS      0.00      0.00      0.00      0.00      0.00      0.00      0.00
REPLACEMENT COST OF FUEL   $/MBTU      0.00      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL COST POINTER      0          0          0          0          0          0          0
SEASONAL REPLACEMENT COST POINTE      0          0          0          0          0          0          0

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
FUEL HEAT CONTENT          MBTU/UNT      0.00      0.00      0.00      0.00      0.00      0.00      0.00
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

FUEL                        184      185      186      187      188      189      190

----- YEAR 2011 -----
FUEL COST                  $/MBTU      0.00      0.00      0.00      0.00      0.00      0.00      0.00
FUEL FLOW MAXIMUM          UNITS/HR 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.
FUEL HEAT CONTENT          MBTU/UNT      1.00      1.00      1.00      1.00      1.00      1.00      1.00
FUEL LIMIT MAXIMUM         UNIT/DAY 99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.99999899648.
FUEL LIMIT MINIMUM         UNIT/DAY      0.00      0.00      0.00      0.00      0.00      0.00      0.00
INVENTORY FACTOR           %-KUNITS      0.00      0.00      0.00      0.00      0.00      0.00      0.00
REPLACEMENT COST OF FUEL   $/MBTU      0.00      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL COST POINTER      0          0          0          0          0          0          0
SEASONAL REPLACEMENT COST POINTE      0          0          0          0          0          0          0

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----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = CAP.INPUT.FUEL TYPE.

| FUEL                             | 184      | 185          | 186          | 187          | 188          | 189          | 190          |
|----------------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2032 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2033 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2034 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2035 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2036 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2037 -----            |          |              |              |              |              |              |              |
| FUEL HEAT CONTENT                | 0.00     | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2038 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2039 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2040 -----            |          |              |              |              |              |              |              |
| FUEL                             | 191      | 192          | 193          | 194          | 195          | 196          | 197          |
| ----- YEAR 2011 -----            |          |              |              |              |              |              |              |
| FUEL COST                        | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| FUEL FLOW MAXIMUM                | UNITS/HR | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL HEAT CONTENT                | MBTU/UNT | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         | 1.00         |
| FUEL LIMIT MAXIMUM               | UNIT/DAY | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. | 99999899648. |
| FUEL LIMIT MINIMUM               | UNIT/DAY | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| INVENTORY FACTOR                 | %-KUNITS | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| REPLACEMENT COST OF FUEL         | \$/MBTU  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL COST POINTER       |          | 0            | 0            | 0            | 0            | 0            | 0            |
| SEASONAL REPLACEMENT COST POINTE |          | 0            | 0            | 0            | 0            | 0            | 0            |
| ----- YEAR 2012 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2013 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2014 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2015 -----            |          |              |              |              |              |              |              |
| ----- YEAR 2016 -----            |          |              |              |              |              |              |              |

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----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
FUEL HEAT CONTENT          MBTU/UNT      0.00      0.00      0.00      0.00      0.00      0.00      0.00
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

    FUEL                    198          199          200

----- YEAR 2011 -----
FUEL COST                  $/MBTU      0.00      0.00      0.00
FUEL FLOW MAXIMUM          UNITS/HR 99999899648.99999899648.99999899648.
FUEL HEAT CONTENT          MBTU/UNT      1.00      1.00      1.00
FUEL LIMIT MAXIMUM        UNIT/DAY 99999899648.99999899648.99999899648.
FUEL LIMIT MINIMUM        UNIT/DAY      0.00      0.00      0.00
INVENTORY FACTOR           %-KUNITS    0.00      0.00      0.00
REPLACEMENT COST OF FUEL   $/MBTU      0.00      0.00      0.00
SEASONAL FUEL COST POINTER      0          0          0
SEASONAL REPLACEMENT COST POINTE      0          0          0

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----

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1 A Input Summary.txt

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  |          | 198  | 199  | 200  |
|-----------------------|----------|------|------|------|
| ----- YEAR 2037 ----- |          |      |      |      |
| FUEL HEAT CONTENT     | MBTU/UNT | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2038 ----- |          |      |      |      |
| ----- YEAR 2039 ----- |          |      |      |      |
| ----- YEAR 2040 ----- |          |      |      |      |

1 A Input Summary.txt

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AEP EAST

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1 A Input Summary.txt  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 1 JANUARY ===== |          |  | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|------------------------------|----------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |          |  | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2011 -----        |          |  |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    |  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----        |          |  |        |        |        |        |        |        |        |

| ===== SEASON 1 JANUARY ===== |          |  | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|------------------------------|----------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |          |  | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| ----- YEAR 2011 -----        |          |  |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    |  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----        |          |  |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----        |          |  |        |        |        |        |        |        |        |



----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 1 JANUARY ===== |          | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |          | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ----- YEAR 2011 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----        |          |        |        |        |        |        |        |        |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 1 JANUARY ===== |  | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|------------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |  | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ----- YEAR 2021 -----        |  |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----        |  |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----        |  |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----        |  |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----        |  |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----        |  |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----        |  |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 1 JANUARY ===== |          | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 453.90 | 453.90 | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 458.93 | 458.93 | 0.00   | 0.00   |
| ----- YEAR 2013 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 464.11 | 464.11 | 0.00   | 0.00   |
| ----- YEAR 2014 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 188.16 | 188.16 | 0.00   | 0.00   |
| ----- YEAR 2015 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 193.66 | 193.66 | 0.00   | 0.00   |
| ----- YEAR 2016 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 199.32 | 199.32 | 0.00   | 0.00   |
| ----- YEAR 2017 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 205.15 | 205.15 | 0.00   | 0.00   |
| ----- YEAR 2018 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 211.15 | 211.15 | 0.00   | 0.00   |
| ----- YEAR 2019 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 217.34 | 217.34 | 0.00   | 0.00   |
| ----- YEAR 2020 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 223.71 | 223.71 | 0.00   | 0.00   |
| ----- YEAR 2021 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 230.26 | 230.26 | 0.00   | 0.00   |
| ----- YEAR 2022 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 237.01 | 237.01 | 0.00   | 0.00   |
| ----- YEAR 2023 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 243.95 | 243.95 | 0.00   | 0.00   |
| ----- YEAR 2024 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 251.10 | 251.10 | 0.00   | 0.00   |
| ----- YEAR 2025 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 258.46 | 258.46 | 0.00   | 0.00   |
| ----- YEAR 2026 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 266.03 | 266.03 | 0.00   | 0.00   |
| ----- YEAR 2027 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 273.83 | 273.83 | 0.00   | 0.00   |
| ----- YEAR 2028 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 281.85 | 281.85 | 0.00   | 0.00   |
| ----- YEAR 2029 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 290.11 | 290.11 | 0.00   | 0.00   |
| ----- YEAR 2030 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 298.61 | 298.61 | 0.00   | 0.00   |
| ----- YEAR 2031 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 307.36 | 307.36 | 0.00   | 0.00   |
| ----- YEAR 2032 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 316.36 | 316.36 | 0.00   | 0.00   |

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| YEAR      | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |
|-----------|--------------------------|-------|------|------|------|--------|--------|------|------|
| YEAR 2033 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |
| YEAR 2034 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 335.18 | 335.18 | 0.00 | 0.00 |
| YEAR 2035 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 344.99 | 344.99 | 0.00 | 0.00 |
| YEAR 2036 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 355.10 | 0.00 | 0.00 |
| YEAR 2037 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 365.51 | 0.00 | 0.00 |
| YEAR 2038 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |
| YEAR 2039 |                          |       |      |      |      |        |        |      |      |
| YEAR 2040 |                          |       |      |      |      |        |        |      |      |

| ===== SEASON 1 JANUARY ===== |                             |          | 29     | 30     | 33     | 34     | 35     | 36     | 37     |
|------------------------------|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |                             |          | GLEN_5 | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |
| YEAR 2011                    | SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
|                              | SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
|                              | SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| YEAR 2012                    |                             |          |        |        |        |        |        |        |        |
| YEAR 2013                    |                             |          |        |        |        |        |        |        |        |
| YEAR 2014                    |                             |          |        |        |        |        |        |        |        |
| YEAR 2015                    |                             |          |        |        |        |        |        |        |        |
| YEAR 2016                    |                             |          |        |        |        |        |        |        |        |
| YEAR 2017                    |                             |          |        |        |        |        |        |        |        |
| YEAR 2018                    |                             |          |        |        |        |        |        |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 1 JANUARY ===== |  |  | 29     | 30     | 33     | 34     | 35     | 36     | 37     |
|------------------------------|--|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |  |  | GLEN_5 | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |
| YEAR 2019                    |  |  |        |        |        |        |        |        |        |
| YEAR 2020                    |  |  |        |        |        |        |        |        |        |
| YEAR 2021                    |  |  |        |        |        |        |        |        |        |
| YEAR 2022                    |  |  |        |        |        |        |        |        |        |
| YEAR 2023                    |  |  |        |        |        |        |        |        |        |
| YEAR 2024                    |  |  |        |        |        |        |        |        |        |
| YEAR 2025                    |  |  |        |        |        |        |        |        |        |
| YEAR 2026                    |  |  |        |        |        |        |        |        |        |
| YEAR 2027                    |  |  |        |        |        |        |        |        |        |
| YEAR 2028                    |  |  |        |        |        |        |        |        |        |
| YEAR 2029                    |  |  |        |        |        |        |        |        |        |
| YEAR 2030                    |  |  |        |        |        |        |        |        |        |
| YEAR 2031                    |  |  |        |        |        |        |        |        |        |
| YEAR 2032                    |  |  |        |        |        |        |        |        |        |
| YEAR 2033                    |  |  |        |        |        |        |        |        |        |
| YEAR 2034                    |  |  |        |        |        |        |        |        |        |
| YEAR 2035                    |  |  |        |        |        |        |        |        |        |
| YEAR 2036                    |  |  |        |        |        |        |        |        |        |
| YEAR 2037                    |  |  |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 1 JANUARY ===== |                    | 38       | 39     | 40     | 41     | 42     | 43     | 44     |
|------------------------------|--------------------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                         |                    | KYGE_1   | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| -----                        | YEAR 2011 -----    |          |        |        |        |        |        |        |
| SEASONAL                     | FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                     | FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                     | FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                        | YEAR 2012 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2013 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2014 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2015 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2016 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2017 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2018 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2019 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2020 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2021 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2022 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2023 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2024 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2025 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2026 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2027 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2028 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2029 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2030 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2031 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2032 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2033 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2034 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2035 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2036 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2037 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2038 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2039 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2040 -----    |          |        |        |        |        |        |        |

| ===== SEASON 1 JANUARY ===== |                    | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|------------------------------|--------------------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                         |                    | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| -----                        | YEAR 2011 -----    |          |        |        |        |        |        |        |
| SEASONAL                     | FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                     | FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                     | FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                        | YEAR 2012 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2013 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2014 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2015 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2016 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2017 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2018 -----    |          |        |        |        |        |        |        |
| -----                        | YEAR 2019 -----    |          |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 1 JANUARY ===== |  | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|------------------------------|--|----------|--------|--------|--------|--------|--------|--------|
| FUEL                         |  | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| ----- YEAR 2031 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2032 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2033 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2034 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2035 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2036 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2037 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2038 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2039 -----        |  |          |        |        |        |        |        |        |
| ----- YEAR 2040 -----        |  |          |        |        |        |        |        |        |

| ===== SEASON 1 JANUARY ===== |          | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|------------------------------|----------|--------|--------|--------|--------|--------|----------|----------|
| FUEL                         |          | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2011 -----        |          |        |        |        |        |        |          |          |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| ----- YEAR 2012 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2013 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2014 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2015 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2016 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2017 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2018 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2019 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2020 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2021 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2022 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2023 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2024 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2025 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2026 -----        |          |        |        |        |        |        |          |          |
| ----- YEAR 2027 -----        |          |        |        |        |        |        |          |          |

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----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 1 JANUARY ===== |          | 61     | 62     | 63     | 64     | 65     | 66     | 67     |
|------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                         |          | STUA_1 | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |
| ----- YEAR 2011 -----        |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----        |          |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----        |          |        |        |        |        |        |        |        |

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 1 JANUARY ===== |          | 68     | 69     | 70     | 71       | 72      | 73       | 74     |
|------------------------------|----------|--------|--------|--------|----------|---------|----------|--------|
| FUEL                         |          | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |
| ----- YEAR 2011 -----        |          |        |        |        |          |         |          |        |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00     | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| ----- YEAR 2012 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2013 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2014 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2015 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2016 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2017 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2018 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2019 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2020 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2021 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2022 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2023 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2024 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2025 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2026 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2027 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2028 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2029 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2030 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2031 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2032 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2033 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2034 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2035 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2036 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2037 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2038 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2039 -----        |          |        |        |        |          |         |          |        |
| ----- YEAR 2040 -----        |          |        |        |        |          |         |          |        |

| ===== SEASON 1 JANUARY ===== |          | 75    | 76      | 77     | 78      | 79       | 80       | 81       |
|------------------------------|----------|-------|---------|--------|---------|----------|----------|----------|
| FUEL                         |          | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ----- YEAR 2011 -----        |          |       |         |        |         |          |          |          |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00  | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| ----- YEAR 2012 -----        |          |       |         |        |         |          |          |          |
| ----- YEAR 2013 -----        |          |       |         |        |         |          |          |          |
| ----- YEAR 2014 -----        |          |       |         |        |         |          |          |          |
| ----- YEAR 2015 -----        |          |       |         |        |         |          |          |          |
| ----- YEAR 2016 -----        |          |       |         |        |         |          |          |          |
| ----- YEAR 2017 -----        |          |       |         |        |         |          |          |          |

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 1 JANUARY ===== |          | 82      | 83      |
|------------------------------|----------|---------|---------|
| FUEL                         |          | BS_RPWR | BS_NGCC |
| ----- YEAR 2011 -----        |          |         |         |
| SEASONAL FIXED FUEL COST     | \$000    | 0.00    | 0.00    |
| SEASONAL FUEL LIMIT MAXIMUM  | UNIT/DAY | -1.00   | -1.00   |
| SEASONAL FUEL LIMIT MINIMUM  | UNIT/DAY | -1.00   | -1.00   |
| ----- YEAR 2012 -----        |          |         |         |
| ----- YEAR 2013 -----        |          |         |         |
| ----- YEAR 2014 -----        |          |         |         |
| ----- YEAR 2015 -----        |          |         |         |
| ----- YEAR 2016 -----        |          |         |         |
| ----- YEAR 2017 -----        |          |         |         |
| ----- YEAR 2018 -----        |          |         |         |
| ----- YEAR 2019 -----        |          |         |         |
| ----- YEAR 2020 -----        |          |         |         |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 1 JANUARY ===== |  | 82      | 83      |
|------------------------------|--|---------|---------|
| FUEL                         |  | BS_RPWR | BS_NGCC |
| ----- YEAR 2021 -----        |  |         |         |
| ----- YEAR 2022 -----        |  |         |         |
| ----- YEAR 2023 -----        |  |         |         |
| ----- YEAR 2024 -----        |  |         |         |



1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 2 FEBRUARY ===== |          |  |  | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|-------------------------------|----------|--|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                          |          |  |  | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2011 -----         |          |  |  |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    |  |  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY |  |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY |  |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----         |          |  |  |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----         |          |  |  |        |        |        |        |        |        |        |

1 A Input Summary.txt

| ===== SEASON 2 FEBRUARY ===== |                    | 8        | 9      | 10     | 11     | 12     | 13     | 14     |
|-------------------------------|--------------------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                          |                    | CARD_2   | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| -----                         | YEAR 2011          | -----    |        |        |        |        |        |        |
| SEASONAL                      | FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                      | FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                      | FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                         | YEAR 2012          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2013          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2014          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2015          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2016          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2017          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2018          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2019          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2020          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2021          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2022          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2023          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2024          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2025          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2026          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2027          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2028          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2029          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2030          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2031          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2032          | -----    |        |        |        |        |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 2 FEBRUARY ===== |           | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|-------------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                          |           | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| -----                         | YEAR 2033 | -----  |        |        |        |        |        |        |
| -----                         | YEAR 2034 | -----  |        |        |        |        |        |        |
| -----                         | YEAR 2035 | -----  |        |        |        |        |        |        |
| -----                         | YEAR 2036 | -----  |        |        |        |        |        |        |
| -----                         | YEAR 2037 | -----  |        |        |        |        |        |        |
| -----                         | YEAR 2038 | -----  |        |        |        |        |        |        |
| -----                         | YEAR 2039 | -----  |        |        |        |        |        |        |
| -----                         | YEAR 2040 | -----  |        |        |        |        |        |        |

| ===== SEASON 2 FEBRUARY ===== |                    | 15       | 16     | 17     | 18     | 19     | 20     | 21     |
|-------------------------------|--------------------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                          |                    | CLIF_6   | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| -----                         | YEAR 2011          | -----    |        |        |        |        |        |        |
| SEASONAL                      | FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                      | FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                      | FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                         | YEAR 2012          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2013          | -----    |        |        |        |        |        |        |
| -----                         | YEAR 2014          | -----    |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 2 FEBRUARY ===== |          | 22      | 23      | 24      | 25     | 26     | 27     | 28     |
|-------------------------------|----------|---------|---------|---------|--------|--------|--------|--------|
| FUEL                          |          | CSV_L_4 | CSV_L_5 | CSV_L_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 453.90 | 453.90 | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY | -1.00   | -1.00   | -1.00   | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY | -1.00   | -1.00   | -1.00   | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 458.93 | 458.93 | 0.00   | 0.00   |
| ----- YEAR 2013 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 464.11 | 464.11 | 0.00   | 0.00   |
| ----- YEAR 2014 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 188.16 | 188.16 | 0.00   | 0.00   |
| ----- YEAR 2015 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 193.66 | 193.66 | 0.00   | 0.00   |
| ----- YEAR 2016 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 199.32 | 199.32 | 0.00   | 0.00   |
| ----- YEAR 2017 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 205.15 | 205.15 | 0.00   | 0.00   |
| ----- YEAR 2018 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 211.15 | 211.15 | 0.00   | 0.00   |
| ----- YEAR 2019 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 217.34 | 217.34 | 0.00   | 0.00   |
| ----- YEAR 2020 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 223.71 | 223.71 | 0.00   | 0.00   |
| ----- YEAR 2021 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 230.26 | 230.26 | 0.00   | 0.00   |
| ----- YEAR 2022 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 237.01 | 237.01 | 0.00   | 0.00   |
| ----- YEAR 2023 -----         |          |         |         |         |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    | 0.00    | 243.95 | 243.95 | 0.00   | 0.00   |
| ----- YEAR 2024 -----         |          |         |         |         |        |        |        |        |

|                          |       | 1 A Input Summary.txt |      |      |        |        |      |      |
|--------------------------|-------|-----------------------|------|------|--------|--------|------|------|
|                          |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 251.10 | 251.10 | 0.00 | 0.00 |
| ----- YEAR 2025 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 258.46 | 258.46 | 0.00 | 0.00 |
| ----- YEAR 2026 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 266.03 | 266.03 | 0.00 | 0.00 |
| ----- YEAR 2027 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 273.83 | 273.83 | 0.00 | 0.00 |
| ----- YEAR 2028 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 281.85 | 281.85 | 0.00 | 0.00 |
| ----- YEAR 2029 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 290.11 | 290.11 | 0.00 | 0.00 |
| ----- YEAR 2030 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 298.61 | 298.61 | 0.00 | 0.00 |
| ----- YEAR 2031 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 307.36 | 307.36 | 0.00 | 0.00 |
| ----- YEAR 2032 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 316.36 | 316.36 | 0.00 | 0.00 |
| ----- YEAR 2033 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

|                          |       | ===== SEASON 2 FEBRUARY ===== |              |              |              |              |              |              |
|--------------------------|-------|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                     |       | 22<br>CSVL_4                  | 23<br>CSVL_5 | 24<br>CSVL_6 | 25<br>COOK_1 | 26<br>COOK_2 | 27<br>GAVI_1 | 28<br>GAVI_2 |
| ----- YEAR 2034 -----    |       |                               |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                          | 0.00         | 0.00         | 335.18       | 335.18       | 0.00         | 0.00         |
| ----- YEAR 2035 -----    |       |                               |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                          | 0.00         | 0.00         | 344.99       | 344.99       | 0.00         | 0.00         |
| ----- YEAR 2036 -----    |       |                               |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                          | 0.00         | 0.00         | 0.00         | 355.10       | 0.00         | 0.00         |
| ----- YEAR 2037 -----    |       |                               |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                          | 0.00         | 0.00         | 0.00         | 365.51       | 0.00         | 0.00         |
| ----- YEAR 2038 -----    |       |                               |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                          | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2039 -----    |       |                               |              |              |              |              |              |              |
| ----- YEAR 2040 -----    |       |                               |              |              |              |              |              |              |

  

|                             |          | ===== SEASON 2 FEBRUARY ===== |              |              |              |              |              |              |
|-----------------------------|----------|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 29<br>GLEN_5                  | 30<br>GLEN_6 | 33<br>KAMM_1 | 34<br>KAMM_2 | 35<br>KAMM_3 | 36<br>KANA_1 | 37<br>KANA_2 |
| ----- YEAR 2011 -----       |          |                               |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                          | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00                         | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00                         | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2013 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2014 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2015 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2016 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2017 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2018 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2019 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2020 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2021 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2022 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2023 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2024 -----       |          |                               |              |              |              |              |              |              |

1 A Input Summary.txt

----- YEAR 2025 -----  
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL     |                    | ===== SEASON 2 FEBRUARY ===== |        |        |        |        |        |        |  |
|----------|--------------------|-------------------------------|--------|--------|--------|--------|--------|--------|--|
|          |                    | 38                            | 39     | 40     | 41     | 42     | 43     | 44     |  |
|          |                    | KYGE_1                        | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |  |
| -----    | YEAR 2011 -----    |                               |        |        |        |        |        |        |  |
| SEASONAL | FIXED FUEL COST    | \$000                         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |  |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY                      | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |  |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY                      | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |  |
| -----    | YEAR 2012 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2013 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2014 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2015 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2016 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2017 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2018 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2019 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2020 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2021 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2022 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2023 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2024 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2025 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2026 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2027 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2028 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2029 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2030 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2031 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2032 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2033 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2034 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2035 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2036 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2037 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2038 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2039 -----    |                               |        |        |        |        |        |        |  |
| -----    | YEAR 2040 -----    |                               |        |        |        |        |        |        |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 2 FEBRUARY ===== |                    | 45       | 46     | 47     | 48     | 49     | 50       | 51       |
|-------------------------------|--------------------|----------|--------|--------|--------|--------|----------|----------|
| FUEL                          |                    | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5   | PSPN_1   |
| -----                         | YEAR 2011 -----    |          |        |        |        |        |          |          |
| SEASONAL                      | FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL                      | FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL                      | FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| -----                         | YEAR 2012 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2013 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2014 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2015 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2016 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2017 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2018 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2019 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2020 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2021 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2022 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2023 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2024 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2025 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2026 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2027 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2028 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2029 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2030 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2031 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2032 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2033 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2034 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2035 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2036 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2037 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2038 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2039 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2040 -----    |          |        |        |        |        |          |          |
| ===== SEASON 2 FEBRUARY ===== |                    | 52       | 53     | 54     | 55     | 56     | 58       | 59       |
| FUEL                          |                    | PSPN_2   | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| -----                         | YEAR 2011 -----    |          |        |        |        |        |          |          |
| SEASONAL                      | FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL                      | FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL                      | FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| -----                         | YEAR 2012 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2013 -----    |          |        |        |        |        |          |          |
| -----                         | YEAR 2014 -----    |          |        |        |        |        |          |          |

1 A Input Summary.txt

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                             |          | ===== SEASON 2 FEBRUARY ===== |              |              |              |              |              |              |
|-----------------------------|----------|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 61<br>STUA_1                  | 62<br>STUA_2 | 63<br>STUA_3 | 64<br>STUA_4 | 65<br>BS1_CC | 66<br>TANN_1 | 67<br>TANN_2 |
| ----- YEAR 2011 -----       |          |                               |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                          | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00                         | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00                         | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2013 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2014 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2015 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2016 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2017 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2018 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2019 -----       |          |                               |              |              |              |              |              |              |
| ----- YEAR 2020 -----       |          |                               |              |              |              |              |              |              |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

|                       |  | ===== SEASON 2 FEBRUARY ===== |              |              |              |              |              |              |
|-----------------------|--|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                  |  | 61<br>STUA_1                  | 62<br>STUA_2 | 63<br>STUA_3 | 64<br>STUA_4 | 65<br>BS1_CC | 66<br>TANN_1 | 67<br>TANN_2 |
| ----- YEAR 2021 ----- |  |                               |              |              |              |              |              |              |

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                             |          | ===== SEASON 2 FEBRUARY ===== |        |        |          |         |          |        |
|-----------------------------|----------|-------------------------------|--------|--------|----------|---------|----------|--------|
| FUEL                        |          | 68                            | 69     | 70     | 71       | 72      | 73       | 74     |
|                             |          | TANN_3                        | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |
| ----- YEAR 2011 -----       |          |                               |        |        |          |         |          |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                          | 0.00   | 0.00   | 0.00     | 0.00    | 0.00     | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00                         | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00                         | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| ----- YEAR 2012 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2013 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2014 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2015 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2016 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2017 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2018 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2019 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2020 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2021 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2022 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2023 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2024 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2025 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2026 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2027 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2028 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2029 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2030 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2031 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2032 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2033 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2034 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2035 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2036 -----       |          |                               |        |        |          |         |          |        |
| ----- YEAR 2037 -----       |          |                               |        |        |          |         |          |        |



1 A Input Summary.txt

```

----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
FUEL
75 76 77 78 79 80 81
DARBY DRESDEN LAWRNG ROBMONE WATERFOR ROCK_5.1 MR5_NGCC

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST $000 0.00 0.00 0.00 0.00 0.00 0.00 0.00
SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00
SEASONAL FUEL LIMIT MINIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----

```

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

```

===== SEASON 2 FEBRUARY =====
FUEL
75 76 77 78 79 80 81
DARBY DRESDEN LAWRNG ROBMONE WATERFOR ROCK_5.1 MR5_NGCC

----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
FUEL
82 83
BS_RPWR BS_NGCC

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST $000 0.00 0.00
SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00 -1.00
SEASONAL FUEL LIMIT MINIMUM UNIT/DAY -1.00 -1.00

```

1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 3 MARCH =====  |          |        |        |        |        |        |        |        |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|                             |          | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |        |        |

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 3 MARCH =====  |          | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 3 MARCH =====  |          | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |          |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 3 MARCH =====  |          | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----       |          |        |        |        |        |        |        |        |

| ===== SEASON 3 MARCH =====  |          | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 453.90 | 453.90 | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 458.93 | 458.93 | 0.00   | 0.00   |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 464.11 | 464.11 | 0.00   | 0.00   |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 188.16 | 188.16 | 0.00   | 0.00   |

1 A Input Summary.txt

|                          |       |      |      |      |        |        |      |      |  |
|--------------------------|-------|------|------|------|--------|--------|------|------|--|
| ----- YEAR 2015 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 193.66 | 193.66 | 0.00 | 0.00 |  |
| ----- YEAR 2016 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 199.32 | 199.32 | 0.00 | 0.00 |  |
| ----- YEAR 2017 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 205.15 | 205.15 | 0.00 | 0.00 |  |
| ----- YEAR 2018 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 211.15 | 211.15 | 0.00 | 0.00 |  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                     |       | ----- SEASON 3 MARCH ----- |        |        |        |        |        |        |  |
|--------------------------|-------|----------------------------|--------|--------|--------|--------|--------|--------|--|
|                          |       | 22                         | 23     | 24     | 25     | 26     | 27     | 28     |  |
|                          |       | CSVL_4                     | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |  |
| ----- YEAR 2019 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 217.34 | 217.34 | 0.00   | 0.00   |  |
| ----- YEAR 2020 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 223.71 | 223.71 | 0.00   | 0.00   |  |
| ----- YEAR 2021 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 230.26 | 230.26 | 0.00   | 0.00   |  |
| ----- YEAR 2022 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 237.01 | 237.01 | 0.00   | 0.00   |  |
| ----- YEAR 2023 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 243.95 | 243.95 | 0.00   | 0.00   |  |
| ----- YEAR 2024 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 251.10 | 251.10 | 0.00   | 0.00   |  |
| ----- YEAR 2025 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 258.46 | 258.46 | 0.00   | 0.00   |  |
| ----- YEAR 2026 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 266.03 | 266.03 | 0.00   | 0.00   |  |
| ----- YEAR 2027 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 273.83 | 273.83 | 0.00   | 0.00   |  |
| ----- YEAR 2028 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 281.85 | 281.85 | 0.00   | 0.00   |  |
| ----- YEAR 2029 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 290.11 | 290.11 | 0.00   | 0.00   |  |
| ----- YEAR 2030 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 298.61 | 298.61 | 0.00   | 0.00   |  |
| ----- YEAR 2031 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 307.36 | 307.36 | 0.00   | 0.00   |  |
| ----- YEAR 2032 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 316.36 | 316.36 | 0.00   | 0.00   |  |
| ----- YEAR 2033 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 325.63 | 325.63 | 0.00   | 0.00   |  |
| ----- YEAR 2034 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 335.18 | 335.18 | 0.00   | 0.00   |  |
| ----- YEAR 2035 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 344.99 | 344.99 | 0.00   | 0.00   |  |
| ----- YEAR 2036 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 0.00   | 355.10 | 0.00   | 0.00   |  |
| ----- YEAR 2037 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 0.00   | 365.51 | 0.00   | 0.00   |  |
| ----- YEAR 2038 -----    |       |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                       | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |  |
| ----- YEAR 2039 -----    |       |                            |        |        |        |        |        |        |  |
| ----- YEAR 2040 -----    |       |                            |        |        |        |        |        |        |  |

| FUEL                        |          | ----- SEASON 3 MARCH ----- |        |        |        |        |        |        |  |
|-----------------------------|----------|----------------------------|--------|--------|--------|--------|--------|--------|--|
|                             |          | 29                         | 30     | 33     | 34     | 35     | 36     | 37     |  |
|                             |          | GLEN_5                     | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |  |
| ----- YEAR 2011 -----       |          |                            |        |        |        |        |        |        |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                       | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00                      | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |  |

|                             |          |       |                                |       |       |       |       |       |
|-----------------------------|----------|-------|--------------------------------|-------|-------|-------|-------|-------|
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | 1 A Input Summary.txt<br>-1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2013 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2014 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2015 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2016 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2017 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2018 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2019 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2020 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2021 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2022 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2023 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2024 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2025 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2026 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2027 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2028 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2029 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2030 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2031 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2032 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2033 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2034 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2035 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2036 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2037 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2038 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2039 -----       |          |       |                                |       |       |       |       |       |
| ----- YEAR 2040 -----       |          |       |                                |       |       |       |       |       |

|                             |                |             |        |        |        |        |        |        |        |
|-----------------------------|----------------|-------------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        | ===== SEASON 3 | MARCH ===== |        |        |        |        |        |        |        |
|                             |                |             | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|                             |                |             | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| ----- YEAR 2011 -----       |                |             |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000          |             | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY       |             | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY       |             | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |                |             |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |                |             |        |        |        |        |        |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

1 A Input Summary.txt

```

===== SEASON 3  MARCH =====
FUEL                                     38      39      40      41      42      43      44
                                     KYGE_1  KYGE_2  KYGE_3  KYGE_4  KYGE_5  MITC_1  MITC_2

----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 3  MARCH =====
FUEL                                     45      46      47      48      49      50      51
                                     MTNR_6.0  MUSK_1  MUSK_2  MUSK_3  MUSK_4  MUSK_5  PSPN_1

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY  -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY  -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----

```

1 A Input Summary.txt

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 3 MARCH =====  |          | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|-----------------------------|----------|--------|--------|--------|--------|--------|----------|----------|
| FUEL                        |          | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |          |          |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2028 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2029 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2030 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2031 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2032 -----       |          |        |        |        |        |        |          |          |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 3 MARCH ===== |  | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|----------------------------|--|--------|--------|--------|--------|--------|----------|----------|
| FUEL                       |  | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2033 -----      |  |        |        |        |        |        |          |          |
| ----- YEAR 2034 -----      |  |        |        |        |        |        |          |          |
| ----- YEAR 2035 -----      |  |        |        |        |        |        |          |          |
| ----- YEAR 2036 -----      |  |        |        |        |        |        |          |          |
| ----- YEAR 2037 -----      |  |        |        |        |        |        |          |          |
| ----- YEAR 2038 -----      |  |        |        |        |        |        |          |          |
| ----- YEAR 2039 -----      |  |        |        |        |        |        |          |          |
| ----- YEAR 2040 -----      |  |        |        |        |        |        |          |          |

| ===== SEASON 3 MARCH ===== |  | 61     | 62     | 63     | 64     | 65     | 66     | 67     |
|----------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                       |  | STUA_1 | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |



1 A Input Summary.txt

|                             |          |       |       |       |       |       |       |       |       |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----       |          |       |       |       |       |       |       |       |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

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|                             |                            |        |        |        |          |         |          |        |       |
|-----------------------------|----------------------------|--------|--------|--------|----------|---------|----------|--------|-------|
| FUEL                        | ===== SEASON 3 MARCH ===== |        |        |        |          |         |          |        |       |
|                             |                            | 68     | 69     | 70     | 71       | 72      | 73       | 74     |       |
|                             |                            | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |       |
| ----- YEAR 2011 -----       |                            |        |        |        |          |         |          |        |       |
| SEASONAL FIXED FUEL COST    | \$000                      | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00     | 0.00   | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY                   | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY                   | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  | -1.00 |

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| FUEL     |                    | SEASON 3 | MARCH | 75    | 76      | 77     | 78      | 79       | 80       | 81       |
|----------|--------------------|----------|-------|-------|---------|--------|---------|----------|----------|----------|
|          |                    |          |       | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
| -----    | YEAR 2011          | -----    |       |       |         |        |         |          |          |          |
| SEASONAL | FIXED FUEL COST    | \$000    |       | 0.00  | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY |       | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |

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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL     |                    | SEASON 3 | MARCH | 75    | 76      | 77     | 78      | 79       | 80       | 81       |
|----------|--------------------|----------|-------|-------|---------|--------|---------|----------|----------|----------|
|          |                    |          |       | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
| -----    | YEAR 2011          | -----    |       |       |         |        |         |          |          |          |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY |       | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| -----    | YEAR 2012          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2013          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2014          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2015          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2016          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2017          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2018          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2019          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2020          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2021          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2022          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2023          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2024          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2025          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2026          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2027          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2028          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2029          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2030          | -----    |       |       |         |        |         |          |          |          |
| -----    | YEAR 2031          | -----    |       |       |         |        |         |          |          |          |

1 A Input Summary.txt

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|-----------------------------|----------|----------------|-------------|---------|
| FUEL                        |          | ----- SEASON 3 | MARCH ----- |         |
|                             |          |                | 82          | 83      |
|                             |          |                | BS_RPWR     | BS_NGCC |
| ----- YEAR 2011 -----       |          |                |             |         |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00           | 0.00        |         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00          | -1.00       |         |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00          | -1.00       |         |

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|-----------------------------|----------|----------------|-------------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | ----- SEASON 4 | APRIL ----- |        |        |        |        |        |        |
|                             |          |                | 1           | 2      | 3      | 4      | 5      | 6      | 7      |
|                             |          |                | AMOS_1      | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2011 -----       |          |                |             |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00           | 0.00        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00          | -1.00       | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00          | -1.00       | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |                |             |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |                |             |        |        |        |        |        |        |

1 A Input Summary.txt

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  | ===== SEASON 4 APRIL ===== |                     |                     |                     |                     |                     |                     |
|-----------------------|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                       | AMOS_1 <sup>1</sup>        | AMOS_2 <sup>2</sup> | AMOS_3 <sup>3</sup> | BECK_6 <sup>4</sup> | BIGS_1 <sup>5</sup> | BIGS_2 <sup>6</sup> | CARD_1 <sup>7</sup> |
| ----- YEAR 2022 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2023 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2024 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2025 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2026 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2027 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2028 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2029 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2030 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2031 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2032 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2033 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2034 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2035 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2036 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2037 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2038 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2039 ----- |                            |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2040 ----- |                            |                     |                     |                     |                     |                     |                     |

| FUEL                        | ===== SEASON 4 APRIL ===== |                     |                      |                      |                      |                      |                      |
|-----------------------------|----------------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                             | CARD_2 <sup>8</sup>        | CARD_3 <sup>9</sup> | CLIF_1 <sup>10</sup> | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup> | CLIF_4 <sup>13</sup> | CLIF_5 <sup>14</sup> |
| ----- YEAR 2011 -----       |                            |                     |                      |                      |                      |                      |                      |
| SEASONAL FIXED FUEL COST    | \$000                      | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY                   | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY                   | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |
| ----- YEAR 2012 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2013 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2014 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2015 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2016 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2017 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2018 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2019 -----       |                            |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2020 -----       |                            |                     |                      |                      |                      |                      |                      |

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 ----- YEAR 2040 -----

|          |                    | ===== SEASON 4 APRIL ===== |        |        |        |        |        |        |
|----------|--------------------|----------------------------|--------|--------|--------|--------|--------|--------|
| FUEL     |                    | 15                         | 16     | 17     | 18     | 19     | 20     | 21     |
|          |                    | CLIF_6                     | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| -----    | YEAR 2011 -----    |                            |        |        |        |        |        |        |
| SEASONAL | FIXED FUEL COST    | \$000 0.00                 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY -1.00             | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY -1.00             | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----    | YEAR 2012 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2013 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2014 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2015 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2016 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2017 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2018 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2019 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2020 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2021 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2022 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2023 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2024 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2025 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2026 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2027 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2028 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2029 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2030 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2031 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2032 -----    |                            |        |        |        |        |        |        |
| -----    | YEAR 2033 -----    |                            |        |        |        |        |        |        |

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                        |  | SEASON | 4 | APRIL    | 15      | 16      | 17      | 18     | 19      | 20      | 21      |
|-----------------------------|--|--------|---|----------|---------|---------|---------|--------|---------|---------|---------|
|                             |  |        |   |          | CLIF_6  | CLIN_1  | CLIN_2  | CLIN_3 | CSV_L_1 | CSV_L_2 | CSV_L_3 |
| ----- YEAR 2034 -----       |  |        |   |          |         |         |         |        |         |         |         |
| ----- YEAR 2035 -----       |  |        |   |          |         |         |         |        |         |         |         |
| ----- YEAR 2036 -----       |  |        |   |          |         |         |         |        |         |         |         |
| ----- YEAR 2037 -----       |  |        |   |          |         |         |         |        |         |         |         |
| ----- YEAR 2038 -----       |  |        |   |          |         |         |         |        |         |         |         |
| ----- YEAR 2039 -----       |  |        |   |          |         |         |         |        |         |         |         |
| ----- YEAR 2040 -----       |  |        |   |          |         |         |         |        |         |         |         |
| FUEL                        |  | SEASON | 4 | APRIL    | 22      | 23      | 24      | 25     | 26      | 27      | 28      |
|                             |  |        |   |          | CSV_L_4 | CSV_L_5 | CSV_L_6 | COOK_1 | COOK_2  | GAVI_1  | GAVI_2  |
| ----- YEAR 2011 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 453.90 | 453.90  | 0.00    | 0.00    |
| SEASONAL FUEL LIMIT MAXIMUM |  |        |   | UNIT/DAY | -1.00   | -1.00   | -1.00   | -1.00  | -1.00   | -1.00   | -1.00   |
| SEASONAL FUEL LIMIT MINIMUM |  |        |   | UNIT/DAY | -1.00   | -1.00   | -1.00   | -1.00  | -1.00   | -1.00   | -1.00   |
| ----- YEAR 2012 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 458.93 | 458.93  | 0.00    | 0.00    |
| ----- YEAR 2013 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 182.83 | 182.83  | 0.00    | 0.00    |
| ----- YEAR 2014 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 188.16 | 188.16  | 0.00    | 0.00    |
| ----- YEAR 2015 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 193.66 | 193.66  | 0.00    | 0.00    |
| ----- YEAR 2016 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 199.32 | 199.32  | 0.00    | 0.00    |
| ----- YEAR 2017 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 205.15 | 205.15  | 0.00    | 0.00    |
| ----- YEAR 2018 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 211.15 | 211.15  | 0.00    | 0.00    |
| ----- YEAR 2019 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 217.34 | 217.34  | 0.00    | 0.00    |
| ----- YEAR 2020 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 223.71 | 223.71  | 0.00    | 0.00    |
| ----- YEAR 2021 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 230.26 | 230.26  | 0.00    | 0.00    |
| ----- YEAR 2022 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 237.01 | 237.01  | 0.00    | 0.00    |
| ----- YEAR 2023 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 243.95 | 243.95  | 0.00    | 0.00    |
| ----- YEAR 2024 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 251.10 | 251.10  | 0.00    | 0.00    |
| ----- YEAR 2025 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 258.46 | 258.46  | 0.00    | 0.00    |
| ----- YEAR 2026 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 266.03 | 266.03  | 0.00    | 0.00    |
| ----- YEAR 2027 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 273.83 | 273.83  | 0.00    | 0.00    |
| ----- YEAR 2028 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 281.85 | 281.85  | 0.00    | 0.00    |
| ----- YEAR 2029 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 290.11 | 290.11  | 0.00    | 0.00    |
| ----- YEAR 2030 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 298.61 | 298.61  | 0.00    | 0.00    |
| ----- YEAR 2031 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 307.36 | 307.36  | 0.00    | 0.00    |
| ----- YEAR 2032 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 316.36 | 316.36  | 0.00    | 0.00    |
| ----- YEAR 2033 -----       |  |        |   |          |         |         |         |        |         |         |         |
| SEASONAL FIXED FUEL COST    |  |        |   | \$000    | 0.00    | 0.00    | 0.00    | 325.63 | 325.63  | 0.00    | 0.00    |

1 A Input Summary.txt

| YEAR      | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 335.18 | 335.18 | 0.00 | 0.00 |
|-----------|--------------------------|-------|------|------|------|--------|--------|------|------|
| YEAR 2034 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 335.18 | 335.18 | 0.00 | 0.00 |
| YEAR 2035 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 344.99 | 344.99 | 0.00 | 0.00 |
| YEAR 2036 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 355.10 | 0.00 | 0.00 |
| YEAR 2037 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 365.51 | 0.00 | 0.00 |
| YEAR 2038 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |
| YEAR 2039 |                          |       |      |      |      |        |        |      |      |
| YEAR 2040 |                          |       |      |      |      |        |        |      |      |

| FUEL      |                             | SEASON 4 | APRIL | 29     | 30     | 33     | 34     | 35     | 36     | 37     |
|-----------|-----------------------------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|           |                             |          |       | GLEN_5 | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |
| YEAR 2011 | SEASONAL FIXED FUEL COST    | \$000    |       | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
|           | SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY |       | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
|           | SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY |       | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| YEAR 2012 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2013 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2014 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2015 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2016 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2017 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2018 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2019 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2020 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2021 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2022 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2023 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2024 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2025 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2026 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2027 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2028 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2029 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2030 |                             |          |       |        |        |        |        |        |        |        |
| YEAR 2031 |                             |          |       |        |        |        |        |        |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL      |  | SEASON 4 | APRIL | 29     | 30     | 33     | 34     | 35     | 36     | 37     |
|-----------|--|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|           |  |          |       | GLEN_5 | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |
| YEAR 2032 |  |          |       |        |        |        |        |        |        |        |
| YEAR 2033 |  |          |       |        |        |        |        |        |        |        |
| YEAR 2034 |  |          |       |        |        |        |        |        |        |        |
| YEAR 2035 |  |          |       |        |        |        |        |        |        |        |
| YEAR 2036 |  |          |       |        |        |        |        |        |        |        |
| YEAR 2037 |  |          |       |        |        |        |        |        |        |        |
| YEAR 2038 |  |          |       |        |        |        |        |        |        |        |

1 A Input Summary.txt

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----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 4 APRIL =====
FUEL
KYGE_138 KYGE_239 KYGE_340 KYGE_441 KYGE_542 MITC_143 MITC_244

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST $000 0.00 0.00 0.00 0.00 0.00 0.00 0.00
SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00
SEASONAL FUEL LIMIT MINIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 4 APRIL =====
FUEL
MTNR_6.045 MUSK_146 MUSK_247 MUSK_348 MUSK_449 MUSK_550 PSPN_151

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST $000 0.00 0.00 0.00 0.00 0.00 0.00 0.00
SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00
SEASONAL FUEL LIMIT MINIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----

```



1 A Input Summary.txt

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 4 APRIL =====  |          | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|-----------------------------|----------|--------|--------|--------|--------|--------|----------|----------|
| FUEL                        |          | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |          |          |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |          |          |

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|          |                    | ===== SEASON 4 APRIL ===== |        |        |        |        |        |        |  |
|----------|--------------------|----------------------------|--------|--------|--------|--------|--------|--------|--|
| FUEL     |                    | 61                         | 62     | 63     | 64     | 65     | 66     | 67     |  |
|          |                    | STUA_1                     | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |  |
| -----    | YEAR 2011 -----    |                            |        |        |        |        |        |        |  |
| SEASONAL | FIXED FUEL COST    | \$000                      | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |  |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY                   | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |  |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY                   | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |  |
| -----    | YEAR 2012 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2013 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2014 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2015 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2016 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2017 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2018 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2019 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2020 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2021 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2022 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2023 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2024 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2025 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2026 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2027 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2028 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2029 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2030 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2031 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2032 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2033 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2034 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2035 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2036 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2037 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2038 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2039 -----    |                            |        |        |        |        |        |        |  |
| -----    | YEAR 2040 -----    |                            |        |        |        |        |        |        |  |

|      |  | ===== SEASON 4 APRIL ===== |        |        |          |         |          |        |
|------|--|----------------------------|--------|--------|----------|---------|----------|--------|
| FUEL |  | 68                         | 69     | 70     | 71       | 72      | 73       | 74     |
|      |  | TANN_3                     | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |

1 A Input Summary.txt

|                             |          |       |       |       |       |       |       |       |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----       |          |       |       |       |       |       |       |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

|                       |                |             |        |        |        |          |         |          |
|-----------------------|----------------|-------------|--------|--------|--------|----------|---------|----------|
| FUEL                  | ===== SEASON 4 | APRIL ===== |        |        |        |          |         |          |
|                       |                |             | 68     | 69     | 70     | 71       | 72      | 73       |
|                       |                |             | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV |
|                       |                |             |        |        |        |          |         | 74       |
|                       |                |             |        |        |        |          |         | CEREDO   |
| ----- YEAR 2021 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2022 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2023 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2024 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2025 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2026 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2027 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2028 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2029 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2030 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2031 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2032 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2033 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2034 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2035 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2036 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2037 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2038 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2039 ----- |                |             |        |        |        |          |         |          |
| ----- YEAR 2040 ----- |                |             |        |        |        |          |         |          |

|                             |                |             |       |         |        |         |          |          |
|-----------------------------|----------------|-------------|-------|---------|--------|---------|----------|----------|
| FUEL                        | ===== SEASON 4 | APRIL ===== |       |         |        |         |          |          |
|                             |                |             | 75    | 76      | 77     | 78      | 79       | 80       |
|                             |                |             | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 |
|                             |                |             |       |         |        |         |          | 81       |
|                             |                |             |       |         |        |         |          | MR5_NGCC |
| ----- YEAR 2011 -----       |                |             |       |         |        |         |          |          |
| SEASONAL FIXED FUEL COST    | \$000          |             | 0.00  | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY       |             | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY       |             | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    |
| ----- YEAR 2012 -----       |                |             |       |         |        |         |          |          |
| ----- YEAR 2013 -----       |                |             |       |         |        |         |          |          |
| ----- YEAR 2014 -----       |                |             |       |         |        |         |          |          |
| ----- YEAR 2015 -----       |                |             |       |         |        |         |          |          |
| ----- YEAR 2016 -----       |                |             |       |         |        |         |          |          |

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL     |                    | ===== SEASON 4 | APRIL ===== |         |         |
|----------|--------------------|----------------|-------------|---------|---------|
|          |                    |                |             | 82      | 83      |
|          |                    |                |             | BS_RPWR | BS_NGCC |
| -----    | YEAR 2011          | -----          |             |         |         |
| SEASONAL | FIXED FUEL COST    | \$000          | 0.00        | 0.00    |         |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY       | -1.00       | -1.00   |         |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY       | -1.00       | -1.00   |         |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
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 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL  |           | SEASON 4 | APRIL | 82      |         | 83 |  |  |  |  |  |
|-------|-----------|----------|-------|---------|---------|----|--|--|--|--|--|
|       |           |          |       | BS_RPWR | BS_NGCC |    |  |  |  |  |  |
| ----- | YEAR 2033 | -----    |       |         |         |    |  |  |  |  |  |
| ----- | YEAR 2034 | -----    |       |         |         |    |  |  |  |  |  |
| ----- | YEAR 2035 | -----    |       |         |         |    |  |  |  |  |  |
| ----- | YEAR 2036 | -----    |       |         |         |    |  |  |  |  |  |
| ----- | YEAR 2037 | -----    |       |         |         |    |  |  |  |  |  |
| ----- | YEAR 2038 | -----    |       |         |         |    |  |  |  |  |  |
| ----- | YEAR 2039 | -----    |       |         |         |    |  |  |  |  |  |
| ----- | YEAR 2040 | -----    |       |         |         |    |  |  |  |  |  |

  

| FUEL     |                    | SEASON 5 | MAY      | 1      |        | 2      |        | 3      |        | 4      |  | 5 |  | 6 |  | 7 |  |
|----------|--------------------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--|---|--|---|--|---|--|
|          |                    |          |          | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |  |   |  |   |  |   |  |
| -----    | YEAR 2011          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| SEASONAL | FIXED FUEL COST    |          | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |  |   |  |   |  |   |  |
| SEASONAL | FUEL LIMIT MAXIMUM |          | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |  |   |  |   |  |   |  |
| SEASONAL | FUEL LIMIT MINIMUM |          | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |  |   |  |   |  |   |  |
| -----    | YEAR 2012          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2013          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2014          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2015          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2016          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2017          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2018          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2019          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2020          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2021          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2022          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2023          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2024          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2025          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2026          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2027          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2028          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2029          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2030          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2031          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2032          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2033          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2034          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2035          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2036          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2037          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2038          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2039          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |
| -----    | YEAR 2040          | -----    |          |        |        |        |        |        |        |        |  |   |  |   |  |   |  |

1 A Input Summary.txt

| ===== SEASON 5 |                    | MAY ===== |          | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|----------------|--------------------|-----------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL           |                    |           |          | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| -----          | YEAR 2011          | -----     |          |        |        |        |        |        |        |        |
| SEASONAL       | FIXED FUEL COST    |           | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL       | FUEL LIMIT MAXIMUM |           | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL       | FUEL LIMIT MINIMUM |           | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----          | YEAR 2012          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2013          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2014          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2015          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2016          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2017          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2018          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2019          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2020          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2021          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2022          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2023          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2024          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2025          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2026          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2027          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2028          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2029          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2030          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2031          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2032          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2033          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2034          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2035          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2036          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2037          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2038          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2039          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2040          | -----     |          |        |        |        |        |        |        |        |

| ===== SEASON 5 |                    | MAY ===== |          | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|----------------|--------------------|-----------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL           |                    |           |          | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| -----          | YEAR 2011          | -----     |          |        |        |        |        |        |        |        |
| SEASONAL       | FIXED FUEL COST    |           | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL       | FUEL LIMIT MAXIMUM |           | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 5 |                    | MAY ===== |          | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|----------------|--------------------|-----------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL           |                    |           |          | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| -----          | YEAR 2011          | -----     |          |        |        |        |        |        |        |        |
| SEASONAL       | FUEL LIMIT MINIMUM |           | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----          | YEAR 2012          | -----     |          |        |        |        |        |        |        |        |
| -----          | YEAR 2013          | -----     |          |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 5              |          | MAY =====     |               |               |              |              |              |              |  |
|-----------------------------|----------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--|
| FUEL                        |          | 22<br>CSV_L_4 | 23<br>CSV_L_5 | 24<br>CSV_L_6 | 25<br>COOK_1 | 26<br>COOK_2 | 27<br>GAVI_1 | 28<br>GAVI_2 |  |
| ----- YEAR 2011 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 453.90       | 453.90       | 0.00         | 0.00         |  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00         | -1.00         | -1.00         | -1.00        | -1.00        | -1.00        | -1.00        |  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00         | -1.00         | -1.00         | -1.00        | -1.00        | -1.00        | -1.00        |  |
| ----- YEAR 2012 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 458.93       | 458.93       | 0.00         | 0.00         |  |
| ----- YEAR 2013 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 182.83       | 182.83       | 0.00         | 0.00         |  |
| ----- YEAR 2014 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 188.16       | 188.16       | 0.00         | 0.00         |  |
| ----- YEAR 2015 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 193.66       | 193.66       | 0.00         | 0.00         |  |
| ----- YEAR 2016 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 199.32       | 199.32       | 0.00         | 0.00         |  |
| ----- YEAR 2017 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 205.15       | 205.15       | 0.00         | 0.00         |  |
| ----- YEAR 2018 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 211.15       | 211.15       | 0.00         | 0.00         |  |
| ----- YEAR 2019 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 217.34       | 217.34       | 0.00         | 0.00         |  |
| ----- YEAR 2020 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 223.71       | 223.71       | 0.00         | 0.00         |  |
| ----- YEAR 2021 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 230.26       | 230.26       | 0.00         | 0.00         |  |
| ----- YEAR 2022 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 237.01       | 237.01       | 0.00         | 0.00         |  |
| ----- YEAR 2023 -----       |          |               |               |               |              |              |              |              |  |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          | 0.00          | 243.95       | 243.95       | 0.00         | 0.00         |  |

1 A Input Summary.txt

| YEAR      | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 251.10 | 251.10 | 0.00 | 0.00 |
|-----------|--------------------------|-------|------|------|------|--------|--------|------|------|
| YEAR 2024 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 251.10 | 251.10 | 0.00 | 0.00 |
| YEAR 2025 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 258.46 | 258.46 | 0.00 | 0.00 |
| YEAR 2026 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 266.03 | 266.03 | 0.00 | 0.00 |
| YEAR 2027 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 273.83 | 273.83 | 0.00 | 0.00 |
| YEAR 2028 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 281.85 | 281.85 | 0.00 | 0.00 |
| YEAR 2029 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 290.11 | 290.11 | 0.00 | 0.00 |
| YEAR 2030 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 298.61 | 298.61 | 0.00 | 0.00 |
| YEAR 2031 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 307.36 | 307.36 | 0.00 | 0.00 |
| YEAR 2032 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 316.36 | 316.36 | 0.00 | 0.00 |
| YEAR 2033 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |
| YEAR 2034 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 335.18 | 335.18 | 0.00 | 0.00 |
| YEAR 2035 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 344.99 | 344.99 | 0.00 | 0.00 |
| YEAR 2036 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 355.10 | 0.00 | 0.00 |
| YEAR 2037 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 365.51 | 0.00 | 0.00 |
| YEAR 2038 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |
| YEAR 2039 |                          |       |      |      |      |        |        |      |      |
| YEAR 2040 |                          |       |      |      |      |        |        |      |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL      | SEASON 5                    | MAY      | 29     | 30     | 33     | 34     | 35     | 36     | 37     |
|-----------|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
|           |                             |          | GLEN_5 | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |
| YEAR 2011 | SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| YEAR 2011 | SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| YEAR 2011 | SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| YEAR 2012 |                             |          |        |        |        |        |        |        |        |
| YEAR 2013 |                             |          |        |        |        |        |        |        |        |
| YEAR 2014 |                             |          |        |        |        |        |        |        |        |
| YEAR 2015 |                             |          |        |        |        |        |        |        |        |
| YEAR 2016 |                             |          |        |        |        |        |        |        |        |
| YEAR 2017 |                             |          |        |        |        |        |        |        |        |
| YEAR 2018 |                             |          |        |        |        |        |        |        |        |
| YEAR 2019 |                             |          |        |        |        |        |        |        |        |
| YEAR 2020 |                             |          |        |        |        |        |        |        |        |
| YEAR 2021 |                             |          |        |        |        |        |        |        |        |
| YEAR 2022 |                             |          |        |        |        |        |        |        |        |
| YEAR 2023 |                             |          |        |        |        |        |        |        |        |
| YEAR 2024 |                             |          |        |        |        |        |        |        |        |



1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL     |                    | SEASON 5 | MAY | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|----------|--------------------|----------|-----|--------|--------|--------|--------|--------|--------|--------|
|          |                    |          |     | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| -----    | YEAR 2011          | -----    |     |        |        |        |        |        |        |        |
| SEASONAL | FIXED FUEL COST    | \$000    |     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY |     | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY |     | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----    | YEAR 2012          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2013          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2014          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2015          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2016          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2017          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2018          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2019          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2020          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2021          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2022          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2023          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2024          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2025          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2026          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2027          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2028          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2029          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2030          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2031          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2032          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2033          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2034          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2035          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2036          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2037          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2038          | -----    |     |        |        |        |        |        |        |        |
| -----    | YEAR 2039          | -----    |     |        |        |        |        |        |        |        |

```

----- YEAR 2040 -----
FUEL          SEASON 5    MAY
              45         46         47         48         49         50         51
              MTNR_6.0    MUSK_1    MUSK_2    MUSK_3    MUSK_4    MUSK_5    PSPN_1
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM    UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM    UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

```

FUEL          SEASON 5    MAY
              45         46         47         48         49         50         51
              MTNR_6.0    MUSK_1    MUSK_2    MUSK_3    MUSK_4    MUSK_5    PSPN_1
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
FUEL          SEASON 5    MAY
              52         53         54         55         56         58         59
              PSPN_2    PSPN_3    PSPN_4    PSPN_5    PICW_5    ROCK_1IM    ROCK_2IM
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM    UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM    UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----
----- YEAR 2013 -----

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1 A Input Summary.txt

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 5              |          | MAY =====    |              |              |              |              |              |              |
|-----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 61<br>STUA_1 | 62<br>STUA_2 | 63<br>STUA_3 | 64<br>STUA_4 | 65<br>BS1_CC | 66<br>TANN_1 | 67<br>TANN_2 |
| ----- YEAR 2011 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2013 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2014 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2015 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2016 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2017 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2018 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2019 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2020 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2021 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2022 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2023 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2024 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2025 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2026 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2027 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2028 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2029 -----       |          |              |              |              |              |              |              |              |

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL | ===== SEASON 5 | MAY ===== | 61     | 62     | 63     | 64     | 65     | 66     | 67     |
|------|----------------|-----------|--------|--------|--------|--------|--------|--------|--------|
|      |                |           | STUA_1 | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL | ===== SEASON 5 | MAY ===== | 68     | 69     | 70     | 71       | 72      | 73       | 74     |
|------|----------------|-----------|--------|--------|--------|----------|---------|----------|--------|
|      |                |           | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |

|                             |          |       |       |       |       |       |       |       |       |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----       |          |       |       |       |       |       |       |       |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL                        | SEASON 5 | MAY | 75    | 76      | 77     | 78      | 79       | 80       | 81       |
|-----------------------------|----------|-----|-------|---------|--------|---------|----------|----------|----------|
|                             |          |     | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ----- YEAR 2011 -----       |          |     |       |         |        |         |          |          |          |
| SEASONAL FIXED FUEL COST    | \$000    |     | 0.00  | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY |     | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY |     | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| ----- YEAR 2012 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2013 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2014 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2015 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2016 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2017 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2018 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2019 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2020 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2021 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2022 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2023 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2024 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2025 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2026 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2027 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2028 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2029 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2030 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2031 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2032 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2033 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2034 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2035 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2036 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2037 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2038 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2039 -----       |          |     |       |         |        |         |          |          |          |
| ----- YEAR 2040 -----       |          |     |       |         |        |         |          |          |          |

| FUEL                        | SEASON 5 | MAY | 82      | 83      |
|-----------------------------|----------|-----|---------|---------|
|                             |          |     | BS_RPWR | BS_NGCC |
| ----- YEAR 2011 -----       |          |     |         |         |
| SEASONAL FIXED FUEL COST    | \$000    |     | 0.00    | 0.00    |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY |     | -1.00   | -1.00   |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  | SEASON 5 | MAY | 82      | 83      |
|-----------------------|----------|-----|---------|---------|
|                       |          |     | BS_RPWR | BS_NGCC |
| ----- YEAR 2011 ----- |          |     |         |         |

```
1 A Input Summary.txt
  -1.00
```

UNIT/DAY

-1.00

FUEL

===== SEASON 6

JUNE =====

AMOS 1 1

AMOS 2<sup>2</sup>

AMOS 3 3

4  
BECK 6

BIGS 1 5

BIGS 2<sup>6</sup>

CARD 1

\$ 000  
UNIT/DAY  
UNIT/DAY

1 A Input Summary.txt

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|          |                    | ===== SEASON 6 |  | JUNE =====          |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
|----------|--------------------|----------------|--|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|--|--|--|--|
| FUEL     |                    |                |  | CARD_2 <sup>8</sup> | CARD_3 <sup>9</sup> | CLIF_1 <sup>10</sup> | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup> | CLIF_4 <sup>13</sup> | CLIF_5 <sup>14</sup> |  |  |  |  |  |
| -----    | YEAR 2011 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| SEASONAL | FIXED FUEL COST    | \$000          |  | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |  |  |  |  |  |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY       |  | -1.00               | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |  |  |  |  |  |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY       |  | -1.00               | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |  |  |  |  |  |
| -----    | YEAR 2012 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2013 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2014 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2015 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2016 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2017 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2018 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2019 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2020 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| -----    | YEAR 2021 -----    |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

|       |                 | ===== SEASON 6 |  | JUNE =====          |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
|-------|-----------------|----------------|--|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|--|--|--|--|
| FUEL  |                 |                |  | CARD_2 <sup>8</sup> | CARD_3 <sup>9</sup> | CLIF_1 <sup>10</sup> | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup> | CLIF_4 <sup>13</sup> | CLIF_5 <sup>14</sup> |  |  |  |  |  |
| ----- | YEAR 2022 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2023 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2024 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2025 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2026 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2027 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2028 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2029 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2030 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2031 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2032 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |
| ----- | YEAR 2033 ----- |                |  |                     |                     |                      |                      |                      |                      |                      |  |  |  |  |  |

1 A Input Summary.txt

----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 6              |          | JUNE =====   |              |              |              |              |              |              |
|-----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 15<br>CLIF_6 | 16<br>CLIN_1 | 17<br>CLIN_2 | 18<br>CLIN_3 | 19<br>CSVL_1 | 20<br>CSVL_2 | 21<br>CSVL_3 |
| ----- YEAR 2011 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2013 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2014 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2015 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2016 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2017 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2018 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2019 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2020 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2021 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2022 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2023 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2024 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2025 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2026 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2027 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2028 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2029 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2030 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2031 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2032 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2033 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2034 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2035 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2036 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2037 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2038 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2039 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2040 -----       |          |              |              |              |              |              |              |              |

| ===== SEASON 6              |          | JUNE =====   |              |              |              |              |              |              |
|-----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 22<br>CSVL_4 | 23<br>CSVL_5 | 24<br>CSVL_6 | 25<br>COOK_1 | 26<br>COOK_2 | 27<br>GAVI_1 | 28<br>GAVI_2 |
| ----- YEAR 2011 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 453.90       | 453.90       | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 458.93       | 458.93       | 0.00         | 0.00         |
| ----- YEAR 2013 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 182.83       | 182.83       | 0.00         | 0.00         |
| ----- YEAR 2014 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 188.16       | 188.16       | 0.00         | 0.00         |



1 A Input Summary.txt

|                          |       |      |      |      |        |        |      |      |  |
|--------------------------|-------|------|------|------|--------|--------|------|------|--|
| ----- YEAR 2015 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 193.66 | 193.66 | 0.00 | 0.00 |  |
| ----- YEAR 2016 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 199.32 | 199.32 | 0.00 | 0.00 |  |
| ----- YEAR 2017 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 205.15 | 205.15 | 0.00 | 0.00 |  |
| ----- YEAR 2018 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 211.15 | 211.15 | 0.00 | 0.00 |  |
| ----- YEAR 2019 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 217.34 | 217.34 | 0.00 | 0.00 |  |
| ----- YEAR 2020 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 223.71 | 223.71 | 0.00 | 0.00 |  |
| ----- YEAR 2021 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 230.26 | 230.26 | 0.00 | 0.00 |  |
| ----- YEAR 2022 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 237.01 | 237.01 | 0.00 | 0.00 |  |
| ----- YEAR 2023 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 243.95 | 243.95 | 0.00 | 0.00 |  |
| ----- YEAR 2024 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 251.10 | 251.10 | 0.00 | 0.00 |  |
| ----- YEAR 2025 -----    |       |      |      |      |        |        |      |      |  |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 258.46 | 258.46 | 0.00 | 0.00 |  |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                     | SEASON 6 | JUNE | 22<br>CSVL_4 | 23<br>CSVL_5 | 24<br>CSVL_6 | 25<br>COOK_1 | 26<br>COOK_2 | 27<br>GAVI_1 | 28<br>GAVI_2 |
|--------------------------|----------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2026 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 266.03       | 266.03       | 0.00         | 0.00         |
| ----- YEAR 2027 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 273.83       | 273.83       | 0.00         | 0.00         |
| ----- YEAR 2028 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 281.85       | 281.85       | 0.00         | 0.00         |
| ----- YEAR 2029 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 290.11       | 290.11       | 0.00         | 0.00         |
| ----- YEAR 2030 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 298.61       | 298.61       | 0.00         | 0.00         |
| ----- YEAR 2031 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 307.36       | 307.36       | 0.00         | 0.00         |
| ----- YEAR 2032 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 316.36       | 316.36       | 0.00         | 0.00         |
| ----- YEAR 2033 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 325.63       | 325.63       | 0.00         | 0.00         |
| ----- YEAR 2034 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 335.18       | 335.18       | 0.00         | 0.00         |
| ----- YEAR 2035 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 344.99       | 344.99       | 0.00         | 0.00         |
| ----- YEAR 2036 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 0.00         | 355.10       | 0.00         | 0.00         |
| ----- YEAR 2037 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 0.00         | 365.51       | 0.00         | 0.00         |
| ----- YEAR 2038 -----    |          |      |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST | \$000    | 0.00 | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| ----- YEAR 2039 -----    |          |      |              |              |              |              |              |              |              |
| ----- YEAR 2040 -----    |          |      |              |              |              |              |              |              |              |

| FUEL | SEASON 6 | JUNE | 29<br>GLEN_5 | 30<br>GLEN_6 | 33<br>KAMM_1 | 34<br>KAMM_2 | 35<br>KAMM_3 | 36<br>KANA_1 | 37<br>KANA_2 |
|------|----------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|------|----------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

1 A Input Summary.txt

|                             |          |       |       |       |       |       |       |       |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----       |          |       |       |       |       |       |       |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

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----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|                             |                |            |        |        |        |        |        |        |
|-----------------------------|----------------|------------|--------|--------|--------|--------|--------|--------|
| FUEL                        | ===== SEASON 6 | JUNE ===== |        |        |        |        |        |        |
|                             |                |            | 38     | 39     | 40     | 41     | 42     | 43     |
|                             |                |            | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 |
|                             |                |            |        |        |        |        |        | MITC_2 |
| ----- YEAR 2011 -----       |                |            |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000          | 0.00       | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY       | -1.00      | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY       | -1.00      | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

----- SEASON 6 JUNE -----  
 FUEL 38 39 40 41 42 43 44  
 KYGE\_1 KYGE\_2 KYGE\_3 KYGE\_4 KYGE\_5 MITC\_1 MITC\_2

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

----- SEASON 6 JUNE -----  
 FUEL 45 46 47 48 49 50 51  
 MTNR\_6.0 MUSK\_1 MUSK\_2 MUSK\_3 MUSK\_4 MUSK\_5 PSPN\_1

|                             |          | 45    | 46    | 47    | 48    | 49    | 50    | 51    |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL     |                    | ===== SEASON 6 | JUNE ===== | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|----------|--------------------|----------------|------------|--------|--------|--------|--------|--------|----------|----------|
|          |                    |                |            | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| -----    | YEAR 2011          | -----          |            |        |        |        |        |        |          |          |
| SEASONAL | FIXED FUEL COST    | \$000          |            | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY       |            | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY       |            | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| -----    | YEAR 2012          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2013          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2014          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2015          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2016          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2017          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2018          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2019          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2020          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2021          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2022          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2023          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2024          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2025          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2026          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2027          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2028          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2029          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2030          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2031          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2032          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2033          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2034          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2035          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2036          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2037          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2038          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2039          | -----          |            |        |        |        |        |        |          |          |
| -----    | YEAR 2040          | -----          |            |        |        |        |        |        |          |          |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

1 A Input Summary.txt

| ===== SEASON 6 JUNE ===== |                    | 61             | 62     | 63     | 64     | 65     | 66     | 67     |
|---------------------------|--------------------|----------------|--------|--------|--------|--------|--------|--------|
| FUEL                      |                    | STUA_1         | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |
| -----                     | YEAR 2011 -----    |                |        |        |        |        |        |        |
| SEASONAL                  | FIXED FUEL COST    | \$000 0.00     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                  | FUEL LIMIT MAXIMUM | UNIT/DAY -1.00 | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                  | FUEL LIMIT MINIMUM | UNIT/DAY -1.00 | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                     | YEAR 2012 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2013 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2014 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2015 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2016 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2017 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2018 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2019 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2020 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2021 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2022 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2023 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2024 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2025 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2026 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2027 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2028 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2029 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2030 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2031 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2032 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2033 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2034 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2035 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2036 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2037 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2038 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2039 -----    |                |        |        |        |        |        |        |
| -----                     | YEAR 2040 -----    |                |        |        |        |        |        |        |

  

| ===== SEASON 6 JUNE ===== |                    | 68             | 69     | 70     | 71       | 72      | 73       | 74     |
|---------------------------|--------------------|----------------|--------|--------|----------|---------|----------|--------|
| FUEL                      |                    | TANN_3         | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |
| -----                     | YEAR 2011 -----    |                |        |        |          |         |          |        |
| SEASONAL                  | FIXED FUEL COST    | \$000 0.00     | 0.00   | 0.00   | 0.00     | 0.00    | 0.00     | 0.00   |
| SEASONAL                  | FUEL LIMIT MAXIMUM | UNIT/DAY -1.00 | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| SEASONAL                  | FUEL LIMIT MINIMUM | UNIT/DAY -1.00 | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| -----                     | YEAR 2012 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2013 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2014 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2015 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2016 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2017 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2018 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2019 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2020 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2021 -----    |                |        |        |          |         |          |        |
| -----                     | YEAR 2022 -----    |                |        |        |          |         |          |        |

1 A Input Summary.txt

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 6              |          | JUNE ===== |         |        |         |          |          |          |
|-----------------------------|----------|------------|---------|--------|---------|----------|----------|----------|
| FUEL                        |          | 75         | 76      | 77     | 78      | 79       | 80       | 81       |
|                             |          | DARBY      | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ----- YEAR 2011 -----       |          |            |         |        |         |          |          |          |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00       | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00      | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00      | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| ----- YEAR 2012 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2013 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2014 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2015 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2016 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2017 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2018 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2019 -----       |          |            |         |        |         |          |          |          |
| ----- YEAR 2020 -----       |          |            |         |        |         |          |          |          |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 6        |  | JUNE ===== |         |        |         |          |          |          |
|-----------------------|--|------------|---------|--------|---------|----------|----------|----------|
| FUEL                  |  | 75         | 76      | 77     | 78      | 79       | 80       | 81       |
|                       |  | DARBY      | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ----- YEAR 2021 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2022 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2023 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2024 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2025 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2026 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2027 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2028 ----- |  |            |         |        |         |          |          |          |
| ----- YEAR 2029 ----- |  |            |         |        |         |          |          |          |

1 A Input Summary.txt

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 6              |          | JUNE =====    |               |
|-----------------------------|----------|---------------|---------------|
| FUEL                        |          | 82<br>BS_RPWR | 83<br>BS_NGCC |
| ----- YEAR 2011 -----       |          |               |               |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00          | 0.00          |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00         | -1.00         |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00         | -1.00         |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 7              |          | JULY =====  |             |             |             |             |             |             |
|-----------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FUEL                        |          | 1<br>AMOS_1 | 2<br>AMOS_2 | 3<br>AMOS_3 | 4<br>BECK_6 | 5<br>BIGS_1 | 6<br>BIGS_2 | 7<br>CARD_1 |
| ----- YEAR 2011 -----       |          |             |             |             |             |             |             |             |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00       | -1.00       | -1.00       | -1.00       | -1.00       | -1.00       | -1.00       |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00       | -1.00       | -1.00       | -1.00       | -1.00       | -1.00       | -1.00       |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  | ===== SEASON 7 | JULY ===== |        |        |        |        |        |        |        |
|-----------------------|----------------|------------|--------|--------|--------|--------|--------|--------|--------|
|                       |                |            | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|                       |                |            | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2033 ----- |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2034 ----- |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2035 ----- |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2036 ----- |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2037 ----- |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2038 ----- |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2039 ----- |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2040 ----- |                |            |        |        |        |        |        |        |        |

| FUEL                        | ===== SEASON 7 | JULY ===== |        |        |        |        |        |        |        |
|-----------------------------|----------------|------------|--------|--------|--------|--------|--------|--------|--------|
|                             |                |            | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|                             |                |            | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| ----- YEAR 2011 -----       |                |            |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000          |            | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY       |            | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY       |            | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |                |            |        |        |        |        |        |        |        |



1 A Input Summary.txt

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 7              |          | JULY ===== |        |        |        |        |        |        |
|-----------------------------|----------|------------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | 15         | 16     | 17     | 18     | 19     | 20     | 21     |
|                             |          | CLIF_6     | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ----- YEAR 2011 -----       |          |            |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00       | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00      | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00      | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |          |            |        |        |        |        |        |        |
| ----- YEAR 2035 -----       |          |            |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 7 JULY =====   |          | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 453.90 | 453.90 | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 7 JULY =====   |          | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 458.93 | 458.93 | 0.00   | 0.00   |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 182.83 | 182.83 | 0.00   | 0.00   |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 188.16 | 188.16 | 0.00   | 0.00   |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 193.66 | 193.66 | 0.00   | 0.00   |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 199.32 | 199.32 | 0.00   | 0.00   |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 205.15 | 205.15 | 0.00   | 0.00   |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 211.15 | 211.15 | 0.00   | 0.00   |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 217.34 | 217.34 | 0.00   | 0.00   |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 223.71 | 223.71 | 0.00   | 0.00   |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 230.26 | 230.26 | 0.00   | 0.00   |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 237.01 | 237.01 | 0.00   | 0.00   |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 243.95 | 243.95 | 0.00   | 0.00   |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 251.10 | 251.10 | 0.00   | 0.00   |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 258.46 | 258.46 | 0.00   | 0.00   |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 266.03 | 266.03 | 0.00   | 0.00   |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 273.83 | 273.83 | 0.00   | 0.00   |
| ----- YEAR 2028 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 281.85 | 281.85 | 0.00   | 0.00   |
| ----- YEAR 2029 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 290.11 | 290.11 | 0.00   | 0.00   |
| ----- YEAR 2030 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 298.61 | 298.61 | 0.00   | 0.00   |
| ----- YEAR 2031 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 307.36 | 307.36 | 0.00   | 0.00   |
| ----- YEAR 2032 -----       |          |        |        |        |        |        |        |        |

| 1 A Input Summary.txt    |       |      |      |      |        |        |      |      |
|--------------------------|-------|------|------|------|--------|--------|------|------|
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 316.36 | 316.36 | 0.00 | 0.00 |
| ----- YEAR 2033 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |
| ----- YEAR 2034 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 335.18 | 335.18 | 0.00 | 0.00 |
| ----- YEAR 2035 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 344.99 | 344.99 | 0.00 | 0.00 |
| ----- YEAR 2036 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 355.10 | 0.00 | 0.00 |
| ----- YEAR 2037 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 365.51 | 0.00 | 0.00 |
| ----- YEAR 2038 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |
| ----- YEAR 2039 -----    |       |      |      |      |        |        |      |      |
| ----- YEAR 2040 -----    |       |      |      |      |        |        |      |      |

| ===== SEASON 7 JULY =====   |          |              |              |              |              |              |              |              |
|-----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 29<br>GLEN_5 | 30<br>GLEN_6 | 33<br>KAMM_1 | 34<br>KAMM_2 | 35<br>KAMM_3 | 36<br>KANA_1 | 37<br>KANA_2 |
| ----- YEAR 2011 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2013 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2014 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2015 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2016 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2017 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2018 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2019 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2020 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2021 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2022 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2023 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2024 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2025 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2026 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2027 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2028 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2029 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2030 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2031 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2032 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2033 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2034 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2035 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2036 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2037 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2038 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2039 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2040 -----       |          |              |              |              |              |              |              |              |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                        | ===== SEASON 7 | JULY ===== | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|-----------------------------|----------------|------------|--------|--------|--------|--------|--------|--------|--------|
|                             |                |            | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| ----- YEAR 2011 -----       |                |            |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000          |            | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY       |            | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY       |            | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----       |                |            |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----       |                |            |        |        |        |        |        |        |        |

| FUEL                        | ===== SEASON 7 | JULY ===== | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|-----------------------------|----------------|------------|----------|--------|--------|--------|--------|--------|--------|
|                             |                |            | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| ----- YEAR 2011 -----       |                |            |          |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000          |            | 0.00     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY       |            | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY       |            | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |                |            |          |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |                |            |          |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |                |            |          |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |                |            |          |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |                |            |          |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |                |            |          |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |                |            |          |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |                |            |          |        |        |        |        |        |        |

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 7 JULY =====   |          | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|-----------------------------|----------|--------|--------|--------|--------|--------|----------|----------|
| FUEL                        |          | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |          |          |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |          |          |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |          |          |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 7 JULY ===== |  | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|---------------------------|--|--------|--------|--------|--------|--------|----------|----------|
| FUEL                      |  | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2021 -----     |  |        |        |        |        |        |          |          |
| ----- YEAR 2022 -----     |  |        |        |        |        |        |          |          |
| ----- YEAR 2023 -----     |  |        |        |        |        |        |          |          |
| ----- YEAR 2024 -----     |  |        |        |        |        |        |          |          |
| ----- YEAR 2025 -----     |  |        |        |        |        |        |          |          |
| ----- YEAR 2026 -----     |  |        |        |        |        |        |          |          |

1 A Input Summary.txt

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 7 JULY =====   |          | 61     | 62     | 63     | 64     | 65     | 66     | 67     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | STUA_1 | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----       |          |        |        |        |        |        |        |        |

| ===== SEASON 7 JULY ===== |  | 68     | 69     | 70     | 71       | 72      | 73       | 74     |
|---------------------------|--|--------|--------|--------|----------|---------|----------|--------|
| FUEL                      |  | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |

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| YEAR                        | 2011     | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  | 2024  | 2025  | 2026  | 2027  | 2028  | 2029  | 2030  | 2031  | 2032  |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL      | SEASON 7 | JULY | 68     | 69     | 70     | 71       | 72      | 73       | 74     |
|-----------|----------|------|--------|--------|--------|----------|---------|----------|--------|
|           |          |      | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |
| YEAR 2033 |          |      |        |        |        |          |         |          |        |
| YEAR 2034 |          |      |        |        |        |          |         |          |        |
| YEAR 2035 |          |      |        |        |        |          |         |          |        |
| YEAR 2036 |          |      |        |        |        |          |         |          |        |
| YEAR 2037 |          |      |        |        |        |          |         |          |        |
| YEAR 2038 |          |      |        |        |        |          |         |          |        |
| YEAR 2039 |          |      |        |        |        |          |         |          |        |
| YEAR 2040 |          |      |        |        |        |          |         |          |        |

  

| FUEL                        | SEASON 7 | JULY | 75    | 76      | 77     | 78      | 79       | 80       | 81       |
|-----------------------------|----------|------|-------|---------|--------|---------|----------|----------|----------|
|                             |          |      | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
| YEAR 2011                   |          |      |       |         |        |         |          |          |          |
| SEASONAL FIXED FUEL COST    | \$000    |      | 0.00  | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY |      | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY |      | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| YEAR 2012                   |          |      |       |         |        |         |          |          |          |
| YEAR 2013                   |          |      |       |         |        |         |          |          |          |
| YEAR 2014                   |          |      |       |         |        |         |          |          |          |
| YEAR 2015                   |          |      |       |         |        |         |          |          |          |
| YEAR 2016                   |          |      |       |         |        |         |          |          |          |

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL     |                    | ===== SEASON 7 | JULY ===== |         |
|----------|--------------------|----------------|------------|---------|
|          |                    |                |            |         |
|          |                    |                | 82         | 83      |
|          |                    |                | BS_RPWR    | BS_NGCC |
| -----    | YEAR 2011 -----    |                |            |         |
| SEASONAL | FIXED FUEL COST    | \$000          | 0.00       | 0.00    |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY       | -1.00      | -1.00   |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY       | -1.00      | -1.00   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----



----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 8 AUGUST ===== |          | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 8 AUGUST ===== |          | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----       |          |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----       |          |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2040 -----

|                             |          |        |        |        |        |        |        |        |       |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|-------|
| ===== SEASON 8 AUGUST ===== |          |        |        |        |        |        |        |        |       |
| FUEL                        |          | 8      | 9      | 10     | 11     | 12     | 13     | 14     |       |
|                             |          | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |       |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |       |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00 |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|                             |          |        |        |        |        |        |        |        |       |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|-------|
| ===== SEASON 8 AUGUST ===== |          |        |        |        |        |        |        |        |       |
| FUEL                        |          | 15     | 16     | 17     | 18     | 19     | 20     | 21     |       |
|                             |          | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |       |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00 |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 8 AUGUST ===== |  | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|-----------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |  | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ----- YEAR 2022 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----       |  |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----       |  |        |        |        |        |        |        |        |

| ===== SEASON 8 AUGUST ===== |          | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 453.90 | 453.90 | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 458.93 | 458.93 | 0.00   | 0.00   |
| ----- YEAR 2013 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 182.83 | 182.83 | 0.00   | 0.00   |
| ----- YEAR 2014 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 188.16 | 188.16 | 0.00   | 0.00   |
| ----- YEAR 2015 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 193.66 | 193.66 | 0.00   | 0.00   |
| ----- YEAR 2016 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 199.32 | 199.32 | 0.00   | 0.00   |
| ----- YEAR 2017 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 205.15 | 205.15 | 0.00   | 0.00   |
| ----- YEAR 2018 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 211.15 | 211.15 | 0.00   | 0.00   |
| ----- YEAR 2019 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 217.34 | 217.34 | 0.00   | 0.00   |
| ----- YEAR 2020 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 223.71 | 223.71 | 0.00   | 0.00   |
| ----- YEAR 2021 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 230.26 | 230.26 | 0.00   | 0.00   |
| ----- YEAR 2022 -----       |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 237.01 | 237.01 | 0.00   | 0.00   |
| ----- YEAR 2023 -----       |          |        |        |        |        |        |        |        |

| 1 A Input Summary.txt    |       |      |      |      |        |        |      |      |
|--------------------------|-------|------|------|------|--------|--------|------|------|
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 243.95 | 243.95 | 0.00 | 0.00 |
| ----- YEAR 2024 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 251.10 | 251.10 | 0.00 | 0.00 |
| ----- YEAR 2025 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 258.46 | 258.46 | 0.00 | 0.00 |
| ----- YEAR 2026 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 266.03 | 266.03 | 0.00 | 0.00 |
| ----- YEAR 2027 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 273.83 | 273.83 | 0.00 | 0.00 |
| ----- YEAR 2028 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 281.85 | 281.85 | 0.00 | 0.00 |
| ----- YEAR 2029 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 290.11 | 290.11 | 0.00 | 0.00 |
| ----- YEAR 2030 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 298.61 | 298.61 | 0.00 | 0.00 |
| ----- YEAR 2031 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 307.36 | 307.36 | 0.00 | 0.00 |
| ----- YEAR 2032 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 316.36 | 316.36 | 0.00 | 0.00 |
| ----- YEAR 2033 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |
| ----- YEAR 2034 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 335.18 | 335.18 | 0.00 | 0.00 |
| ----- YEAR 2035 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 344.99 | 344.99 | 0.00 | 0.00 |
| ----- YEAR 2036 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 355.10 | 0.00 | 0.00 |
| ----- YEAR 2037 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 365.51 | 0.00 | 0.00 |
| ----- YEAR 2038 -----    |       |      |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |
| ----- YEAR 2039 -----    |       |      |      |      |        |        |      |      |
| ----- YEAR 2040 -----    |       |      |      |      |        |        |      |      |

| ===== SEASON 8 AUGUST ===== |          |              |              |              |              |              |              |              |
|-----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 29<br>GLEN_5 | 30<br>GLEN_6 | 33<br>KAMM_1 | 34<br>KAMM_2 | 35<br>KAMM_3 | 36<br>KANA_1 | 37<br>KANA_2 |
| ----- YEAR 2011 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2013 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2014 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2015 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2016 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2017 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2018 -----       |          |              |              |              |              |              |              |              |
| ----- YEAR 2019 -----       |          |              |              |              |              |              |              |              |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 8 AUGUST ===== |  |              |              |              |              |              |              |              |
|-----------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |  | 29<br>GLEN_5 | 30<br>GLEN_6 | 33<br>KAMM_1 | 34<br>KAMM_2 | 35<br>KAMM_3 | 36<br>KANA_1 | 37<br>KANA_2 |
| ----- YEAR 2020 -----       |  |              |              |              |              |              |              |              |
| ----- YEAR 2021 -----       |  |              |              |              |              |              |              |              |
| ----- YEAR 2022 -----       |  |              |              |              |              |              |              |              |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 8 AUGUST ===== |          |       | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|-----------------------------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                        |          |       | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| ----- YEAR 2011 -----       |          |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----       |          |       |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----       |          |       |        |        |        |        |        |        |        |

1 A Input Summary.txt

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----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 8 AUGUST =====
FUEL                                     45      46      47      48      49      50      51
                                     MTNR_6.0 MUSK_1 MUSK_2 MUSK_3 MUSK_4 MUSK_5 PSPN_1
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

```

===== SEASON 8 AUGUST =====
FUEL                                     45      46      47      48      49      50      51
                                     MTNR_6.0 MUSK_1 MUSK_2 MUSK_3 MUSK_4 MUSK_5 PSPN_1
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 8 AUGUST =====
FUEL                                     52      53      54      55      56      58      59
                                     PSPN_2 PSPN_3 PSPN_4 PSPN_5 PICW_5 ROCK_1IM ROCK_2IM
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----

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1 A Input Summary.txt

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2031 -----  
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 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 8 AUGUST ===== |          | 61     | 62     | 63     | 64     | 65      | 66     | 67     |
|-----------------------------|----------|--------|--------|--------|--------|---------|--------|--------|
| FUEL                        |          | STUA_1 | STUA_2 | STUA_3 | STUA_4 | BS1_ CC | TANN_1 | TANN_2 |
| ----- YEAR 2011 -----       |          |        |        |        |        |         |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00    | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00   | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00   | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2013 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2014 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2015 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2016 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2017 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2018 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2019 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2020 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2021 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2022 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2023 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2024 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2025 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2026 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2027 -----       |          |        |        |        |        |         |        |        |
| ----- YEAR 2028 -----       |          |        |        |        |        |         |        |        |

1 A Input Summary.txt

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
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 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                        | ===== SEASON 8 AUGUST ===== | 68     | 69     | 70     | 71       | 72      | 73       | 74     |
|-----------------------------|-----------------------------|--------|--------|--------|----------|---------|----------|--------|
|                             |                             | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |
| ----- YEAR 2011 -----       |                             |        |        |        |          |         |          |        |
| SEASONAL FIXED FUEL COST    | \$000                       | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00     | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY                    | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY                    | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| ----- YEAR 2012 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2013 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2014 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2015 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2016 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2017 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2018 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2019 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2020 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2021 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2022 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2023 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2024 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2025 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2026 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2027 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2028 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2029 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2030 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2031 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2032 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2033 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2034 -----       |                             |        |        |        |          |         |          |        |
| ----- YEAR 2035 -----       |                             |        |        |        |          |         |          |        |



1 A Input Summary.txt

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 8 AUGUST ===== |          | 75    | 76      | 77     | 78      | 79       | 80       | 81       |
|-----------------------------|----------|-------|---------|--------|---------|----------|----------|----------|
| FUEL                        |          | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MRS_NGCC |
| ----- YEAR 2011 -----       |          |       |         |        |         |          |          |          |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |

----- YEAR 2012 -----  
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 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 8 AUGUST ===== |          | 82      | 83      |
|-----------------------------|----------|---------|---------|
| FUEL                        |          | BS_RPWR | BS_NGCC |
| ----- YEAR 2011 -----       |          |         |         |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00    | 0.00    |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00   | -1.00   |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00   | -1.00   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

----- SEASON 8 AUGUST -----  
 FUEL 82 83  
 BS\_RPWR BS\_NGCC

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ----- SEASON 9 SEPTEMBER ----- |                    | 1        | 2      | 3      | 4      | 5      | 6      | 7      |
|--------------------------------|--------------------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                           |                    | AMOS_1   | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| -----                          | YEAR 2011 -----    |          |        |        |        |        |        |        |
| SEASONAL                       | FIXED FUEL COST    | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                       | FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                       | FUEL LIMIT MINIMUM | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
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 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----

1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
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 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| FUEL     |                    | SEASON 9 SEPTEMBER | CARD_2 <sup>8</sup> | CARD_3 <sup>9</sup> | CLIF_1 <sup>10</sup> | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup> | CLIF_4 <sup>13</sup> | CLIF_5 <sup>14</sup> |
|----------|--------------------|--------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| -----    | YEAR 2011          | -----              |                     |                     |                      |                      |                      |                      |                      |
| SEASONAL | FIXED FUEL COST    | \$000              | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |
| SEASONAL | FUEL LIMIT MAXIMUM | UNIT/DAY           | -1.00               | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |
| SEASONAL | FUEL LIMIT MINIMUM | UNIT/DAY           | -1.00               | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |
| -----    | YEAR 2012          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2013          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2014          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2015          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2016          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2017          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2018          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2019          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2020          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2021          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2022          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2023          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2024          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2025          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2026          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2027          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2028          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2029          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2030          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2031          | -----              |                     |                     |                      |                      |                      |                      |                      |
| -----    | YEAR 2032          | -----              |                     |                     |                      |                      |                      |                      |                      |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL |  | SEASON 9 SEPTEMBER | CARD_2 <sup>8</sup> | CARD_3 <sup>9</sup> | CLIF_1 <sup>10</sup> | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup> | CLIF_4 <sup>13</sup> | CLIF_5 <sup>14</sup> |
|------|--|--------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|------|--|--------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                             |          | ===== SEASON 9 SEPTEMBER ===== |              |              |              |              |              |              |
|-----------------------------|----------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 15<br>CLIF_6                   | 16<br>CLIN_1 | 17<br>CLIN_2 | 18<br>CLIN_3 | 19<br>CSVL_1 | 20<br>CSVL_2 | 21<br>CSVL_3 |
| ----- YEAR 2011 -----       |          |                                |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                           | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00                          | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00                          | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
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 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                             |          | ===== SEASON 9 SEPTEMBER ===== |              |              |              |              |              |              |
|-----------------------------|----------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FUEL                        |          | 22<br>CSVL_4                   | 23<br>CSVL_5 | 24<br>CSVL_6 | 25<br>COOK_1 | 26<br>COOK_2 | 27<br>GAVI_1 | 28<br>GAVI_2 |
| ----- YEAR 2011 -----       |          |                                |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                           | 0.00         | 0.00         | 453.90       | 453.90       | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00                          | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00                          | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| ----- YEAR 2012 -----       |          |                                |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                           | 0.00         | 0.00         | 458.93       | 458.93       | 0.00         | 0.00         |
| ----- YEAR 2013 -----       |          |                                |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                           | 0.00         | 0.00         | 182.83       | 182.83       | 0.00         | 0.00         |

## 1 A Input Summary.txt

| YEAR      | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 188.16 | 188.16 | 0.00 | 0.00 |
|-----------|--------------------------|-------|------|------|------|--------|--------|------|------|
| YEAR 2014 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 188.16 | 188.16 | 0.00 | 0.00 |
| YEAR 2015 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 193.66 | 193.66 | 0.00 | 0.00 |
| YEAR 2016 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 199.32 | 199.32 | 0.00 | 0.00 |
| YEAR 2017 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 205.15 | 205.15 | 0.00 | 0.00 |
| YEAR 2018 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 211.15 | 211.15 | 0.00 | 0.00 |
| YEAR 2019 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 217.34 | 217.34 | 0.00 | 0.00 |
| YEAR 2020 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 223.71 | 223.71 | 0.00 | 0.00 |
| YEAR 2021 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 230.26 | 230.26 | 0.00 | 0.00 |
| YEAR 2022 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 237.01 | 237.01 | 0.00 | 0.00 |
| YEAR 2023 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 243.95 | 243.95 | 0.00 | 0.00 |
| YEAR 2024 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 251.10 | 251.10 | 0.00 | 0.00 |
| YEAR 2025 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 258.46 | 258.46 | 0.00 | 0.00 |
| YEAR 2026 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 266.03 | 266.03 | 0.00 | 0.00 |
| YEAR 2027 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 273.83 | 273.83 | 0.00 | 0.00 |
| YEAR 2028 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 281.85 | 281.85 | 0.00 | 0.00 |
| YEAR 2029 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 290.11 | 290.11 | 0.00 | 0.00 |
| YEAR 2030 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 298.61 | 298.61 | 0.00 | 0.00 |
| YEAR 2031 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 307.36 | 307.36 | 0.00 | 0.00 |
| YEAR 2032 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 316.36 | 316.36 | 0.00 | 0.00 |
| YEAR 2033 | SEASONAL FIXED FUEL COST | \$000 | 0.00 | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL      | SEASON 9 SEPTEMBER       | 22<br>CSVL_4 | 23<br>CSVL_5 | 24<br>CSVL_6 | 25<br>COOK_1 | 26<br>COOK_2 | 27<br>GAVI_1 | 28<br>GAVI_2 |
|-----------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| YEAR 2034 | SEASONAL FIXED FUEL COST | \$000        | 0.00         | 0.00         | 0.00         | 335.18       | 335.18       | 0.00         |
| YEAR 2035 | SEASONAL FIXED FUEL COST | \$000        | 0.00         | 0.00         | 0.00         | 344.99       | 344.99       | 0.00         |
| YEAR 2036 | SEASONAL FIXED FUEL COST | \$000        | 0.00         | 0.00         | 0.00         | 0.00         | 355.10       | 0.00         |
| YEAR 2037 | SEASONAL FIXED FUEL COST | \$000        | 0.00         | 0.00         | 0.00         | 0.00         | 365.51       | 0.00         |
| YEAR 2038 | SEASONAL FIXED FUEL COST | \$000        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| YEAR 2039 | SEASONAL FIXED FUEL COST | \$000        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| YEAR 2040 | SEASONAL FIXED FUEL COST | \$000        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |

| FUEL | SEASON 9 SEPTEMBER | 29<br>GLEN_5 | 30<br>GLEN_6 | 33<br>KAMM_1 | 34<br>KAMM_2 | 35<br>KAMM_3 | 36<br>KANA_1 | 37<br>KANA_2 |
|------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

1 A Input Summary.txt

|                             |          |       |       |       |       |       |       |       |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----       |          |       |       |       |       |       |       |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |

----- YEAR 2012 -----

----- YEAR 2013 -----

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----- YEAR 2039 -----

----- YEAR 2040 -----

|                             |                                |        |        |        |        |        |        |
|-----------------------------|--------------------------------|--------|--------|--------|--------|--------|--------|
| FUEL                        | ===== SEASON 9 SEPTEMBER ===== |        |        |        |        |        |        |
|                             |                                | 38     | 39     | 40     | 41     | 42     | 43     |
|                             |                                | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 |
|                             |                                |        |        |        |        |        | MITC_2 |
| ----- YEAR 2011 -----       |                                |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000                          | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY                       | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY                       | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

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----- YEAR 2019 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 9 SEPTEMBER ===== |          | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|--------------------------------|----------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| ----- YEAR 2011 -----          |          |          |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2013 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2014 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2015 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2016 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2017 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2018 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2019 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2020 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2021 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2022 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2023 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2024 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2025 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2026 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2027 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2028 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2029 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2030 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2031 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2032 -----          |          |          |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2033 -----  
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 ----- YEAR 2040 -----

| ===== SEASON 9 SEPTEMBER ===== |                    |       |          | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|--------------------------------|--------------------|-------|----------|--------|--------|--------|--------|--------|----------|----------|
| FUEL                           |                    |       |          | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| -----                          | YEAR 2011          | ----- |          |        |        |        |        |        |          |          |
| SEASONAL                       | FIXED FUEL COST    |       | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL                       | FUEL LIMIT MAXIMUM |       | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL                       | FUEL LIMIT MINIMUM |       | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| -----                          | YEAR 2012          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2013          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2014          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2015          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2016          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2017          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2018          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2019          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2020          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2021          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2022          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2023          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2024          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2025          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2026          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2027          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2028          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2029          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2030          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2031          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2032          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2033          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2034          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2035          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2036          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2037          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2038          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2039          | ----- |          |        |        |        |        |        |          |          |
| -----                          | YEAR 2040          | ----- |          |        |        |        |        |        |          |          |

| ===== SEASON 9 SEPTEMBER ===== |                    |       |          | 61     | 62     | 63     | 64     | 65     | 66     | 67     |
|--------------------------------|--------------------|-------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |                    |       |          | STUA_1 | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |
| -----                          | YEAR 2011          | ----- |          |        |        |        |        |        |        |        |
| SEASONAL                       | FIXED FUEL COST    |       | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                       | FUEL LIMIT MAXIMUM |       | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                       | FUEL LIMIT MINIMUM |       | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                          | YEAR 2012          | ----- |          |        |        |        |        |        |        |        |
| -----                          | YEAR 2013          | ----- |          |        |        |        |        |        |        |        |
| -----                          | YEAR 2014          | ----- |          |        |        |        |        |        |        |        |



----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                  | ===== SEASON 9 SEPTEMBER ===== |              |              |              |              |              |              |  |
|-----------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
|                       | 61<br>STUA_1                   | 62<br>STUA_2 | 63<br>STUA_3 | 64<br>STUA_4 | 65<br>BS1_CC | 66<br>TANN_1 | 67<br>TANN_2 |  |
| ----- YEAR 2021 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2022 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2023 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2024 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2025 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2026 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2027 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2028 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2029 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2030 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2031 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2032 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2033 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2034 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2035 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2036 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2037 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2038 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2039 ----- |                                |              |              |              |              |              |              |  |
| ----- YEAR 2040 ----- |                                |              |              |              |              |              |              |  |

| FUEL                        | ===== SEASON 9 SEPTEMBER ===== |              |              |                |               |                |              |  |
|-----------------------------|--------------------------------|--------------|--------------|----------------|---------------|----------------|--------------|--|
|                             | 68<br>TANN_3                   | 69<br>TANN_4 | 70<br>ZIMM_1 | 71<br>TCO_POOL | 72<br>DOMINON | 73<br>TCO_DELV | 74<br>CEREDO |  |
| ----- YEAR 2011 -----       |                                |              |              |                |               |                |              |  |
| SEASONAL FIXED FUEL COST    | \$000                          | 0.00         | 0.00         | 0.00           | 0.00          | 0.00           | 0.00         |  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY                       | -1.00        | -1.00        | -1.00          | -1.00         | -1.00          | -1.00        |  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY                       | -1.00        | -1.00        | -1.00          | -1.00         | -1.00          | -1.00        |  |
| ----- YEAR 2012 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2013 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2014 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2015 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2016 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2017 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2018 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2019 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2020 -----       |                                |              |              |                |               |                |              |  |
| ----- YEAR 2021 -----       |                                |              |              |                |               |                |              |  |

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
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 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
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 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 9 SEPTEMBER ===== |          | 75    | 76      | 77     | 78     | 79       | 80       | 81       |
|--------------------------------|----------|-------|---------|--------|--------|----------|----------|----------|
| FUEL                           |          | DARBY | DRESDEN | LAWRNG | ROBMON | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ----- YEAR 2011 -----          |          |       |         |        |        |          |          |          |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00  | 0.00    | 0.00   | 0.00   | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00  | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00  | -1.00    | -1.00    | -1.00    |
| ----- YEAR 2012 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2013 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2014 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2015 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2016 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2017 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2018 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2019 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2020 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2021 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2022 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2023 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2024 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2025 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2026 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2027 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2028 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2029 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2030 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2031 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2032 -----          |          |       |         |        |        |          |          |          |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

1 A Input Summary.txt  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

```

===== SEASON 9 SEPTEMBER =====
FUEL
      75      76      77      78      79      80      81
      DARBY  DRESDEN  LAWRNG  ROEMONE  WATERFOR  ROCK_5.1  MRS_NGCC

----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 9 SEPTEMBER =====
FUEL
      82      83
      BS_RPWR  BS_NGCC

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY    -1.00    -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY    -1.00    -1.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 10 OCTOBER =====
FUEL
      1      2      3      4      5      6      7
      AMOS_1  AMOS_2  AMOS_3  BECK_6  BIGS_1  BIGS_2  CARD_1

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY    -1.00    -1.00    -1.00    -1.00    -1.00    -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY    -1.00    -1.00    -1.00    -1.00    -1.00    -1.00

```

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 10 OCTOBER ===== |          | CARD_2 <sup>8</sup> | CARD_3 <sup>9</sup> | CLIF_1 <sup>10</sup> | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup> | CLIF_4 <sup>13</sup> | CLIF_5 <sup>14</sup> |
|-------------------------------|----------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY | -1.00               | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |

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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 10 OCTOBER ===== |          | CARD_2 <sup>8</sup> | CARD_3 <sup>9</sup> | CLIF_1 <sup>10</sup> | CLIF_2 <sup>11</sup> | CLIF_3 <sup>12</sup> | CLIF_4 <sup>13</sup> | CLIF_5 <sup>14</sup> |
|-------------------------------|----------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY | -1.00               | -1.00               | -1.00                | -1.00                | -1.00                | -1.00                | -1.00                |
| ----- YEAR 2012 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2013 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2014 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2015 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2016 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2017 -----         |          |                     |                     |                      |                      |                      |                      |                      |
| ----- YEAR 2018 -----         |          |                     |                     |                      |                      |                      |                      |                      |

1 A Input Summary.txt

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
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 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 10 OCTOBER ===== |          | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|-------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                          |          | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ----- YEAR 2011 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----         |          |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----         |          |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 10 OCTOBER ===== |          | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|-------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                          |          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 453.90 | 453.90 | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 458.93 | 458.93 | 0.00   | 0.00   |
| ----- YEAR 2013 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 182.83 | 182.83 | 0.00   | 0.00   |
| ----- YEAR 2014 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 188.16 | 188.16 | 0.00   | 0.00   |
| ----- YEAR 2015 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 193.66 | 193.66 | 0.00   | 0.00   |
| ----- YEAR 2016 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 199.32 | 199.32 | 0.00   | 0.00   |
| ----- YEAR 2017 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 205.15 | 205.15 | 0.00   | 0.00   |
| ----- YEAR 2018 -----         |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 211.15 | 211.15 | 0.00   | 0.00   |

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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 10 OCTOBER ===== |       | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|-------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                          |       | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2019 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 217.34 | 217.34 | 0.00   | 0.00   |
| ----- YEAR 2020 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 223.71 | 223.71 | 0.00   | 0.00   |
| ----- YEAR 2021 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 230.26 | 230.26 | 0.00   | 0.00   |
| ----- YEAR 2022 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 237.01 | 237.01 | 0.00   | 0.00   |
| ----- YEAR 2023 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 243.95 | 243.95 | 0.00   | 0.00   |
| ----- YEAR 2024 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 251.10 | 251.10 | 0.00   | 0.00   |
| ----- YEAR 2025 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 258.46 | 258.46 | 0.00   | 0.00   |
| ----- YEAR 2026 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 266.03 | 266.03 | 0.00   | 0.00   |
| ----- YEAR 2027 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 273.83 | 273.83 | 0.00   | 0.00   |
| ----- YEAR 2028 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 281.85 | 281.85 | 0.00   | 0.00   |
| ----- YEAR 2029 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 290.11 | 290.11 | 0.00   | 0.00   |
| ----- YEAR 2030 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 298.61 | 298.61 | 0.00   | 0.00   |
| ----- YEAR 2031 -----         |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000 | 0.00   | 0.00   | 0.00   | 307.36 | 307.36 | 0.00   | 0.00   |
| ----- YEAR 2032 -----         |       |        |        |        |        |        |        |        |

```

1 A Input Summary.txt
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      316.36      316.36      0.00      0.00
----- YEAR 2033 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      325.63      325.63      0.00      0.00
----- YEAR 2034 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      335.18      335.18      0.00      0.00
----- YEAR 2035 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      344.99      344.99      0.00      0.00
----- YEAR 2036 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      355.10      0.00      0.00
----- YEAR 2037 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      365.51      0.00      0.00
----- YEAR 2038 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00      0.00
----- YEAR 2039 -----
----- YEAR 2040 -----

```

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===== SEASON 10  OCTOBER =====
FUEL
          29          30          33          34          35          36          37
        GLEN_5      GLEN_6      KAMM_1      KAMM_2      KAMM_3      KANA_1      KANA_2
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM    UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM    UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 10  OCTOBER =====
FUEL
          38          39          40          41          42          43          44
        KYGE_1      KYGE_2      KYGE_3      KYGE_4      KYGE_5      MITC_1      MITC_2
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM    UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00

```

| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | 1 A Input Summary.txt<br>-1.00 -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
|-----------------------------|----------|-------|--------------------------------------|-------|-------|-------|-------|
| ----- YEAR 2012 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2013 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2014 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2015 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2016 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2017 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2018 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2019 -----       |          |       |                                      |       |       |       |       |
| ----- YEAR 2020 -----       |          |       |                                      |       |       |       |       |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
Strategist Page 208

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 10 OCTOBER ===== |  | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|-------------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                          |  | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| ----- YEAR 2021 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----         |  |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----         |  |        |        |        |        |        |        |        |

| ===== SEASON 10 OCTOBER ===== |          | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|-------------------------------|----------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                          |          | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| ----- YEAR 2011 -----         |          |          |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----         |          |          |        |        |        |        |        |        |
| ----- YEAR 2013 -----         |          |          |        |        |        |        |        |        |
| ----- YEAR 2014 -----         |          |          |        |        |        |        |        |        |
| ----- YEAR 2015 -----         |          |          |        |        |        |        |        |        |
| ----- YEAR 2016 -----         |          |          |        |        |        |        |        |        |
| ----- YEAR 2017 -----         |          |          |        |        |        |        |        |        |
| ----- YEAR 2018 -----         |          |          |        |        |        |        |        |        |



1 A Input Summary.txt

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 10 OCTOBER ===== |          | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|-------------------------------|----------|--------|--------|--------|--------|--------|----------|----------|
| FUEL                          |          | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2011 -----         |          |        |        |        |        |        |          |          |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| ----- YEAR 2012 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2013 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2014 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2015 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2016 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2017 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2018 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2019 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2020 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2021 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2022 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2023 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2024 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2025 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2026 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2027 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2028 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2029 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2030 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2031 -----         |          |        |        |        |        |        |          |          |
| ----- YEAR 2032 -----         |          |        |        |        |        |        |          |          |

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

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===== SEASON 10  OCTOBER =====
FUEL              52      53      54      55      56      58      59
                  PSPN_2   PSPN_3   PSPN_4   PSPN_5   PICW_5   ROCK_1IM  ROCK_2IM

----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 10  OCTOBER =====
FUEL              61      62      63      64      65      66      67
                  STUA_1   STUA_2   STUA_3   STUA_4   BS1_  CC   TANN_1   TANN_2

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY    -1.00     -1.00     -1.00     -1.00     -1.00     -1.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 10  OCTOBER =====
FUEL              68      69      70      71      72      73      74
                  TANN_3   TANN_4   ZIMM_1   TCO_POOL  DOMINON  TCO_DELV  CEREDO

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1 A Input Summary.txt

| YEAR                        | 2011     | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  | 2024  | 2025  | 2026  | 2027  | 2028  | 2029  | 2030  | 2031  | 2032  | 2033  | 2034  | 2035  | 2036  | 2037  | 2038  | 2039  | 2040 |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |      |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |      |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |      |

| FUEL                        | SEASON 10 | OCTOBER | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
|-----------------------------|-----------|---------|-------|---------|--------|---------|----------|----------|----------|
| YEAR 2011                   |           |         |       |         |        |         |          |          |          |
| SEASONAL FIXED FUEL COST    | \$000     | 0.00    | 0.00  | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY  | -1.00   | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |

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NewEnergy Associates  
Strategist Page 210

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| FUEL                        | SEASON 10 | OCTOBER | DARBY | DRESDEN | LAWRNG | ROBMONE | WATERFOR | ROCK_5.1 | MR5_NGCC |
|-----------------------------|-----------|---------|-------|---------|--------|---------|----------|----------|----------|
| YEAR 2011                   |           |         |       |         |        |         |          |          |          |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY  | -1.00   | -1.00 | -1.00   | -1.00  | -1.00   | -1.00    | -1.00    | -1.00    |
| YEAR 2012                   |           |         |       |         |        |         |          |          |          |
| YEAR 2013                   |           |         |       |         |        |         |          |          |          |
| YEAR 2014                   |           |         |       |         |        |         |          |          |          |
| YEAR 2015                   |           |         |       |         |        |         |          |          |          |

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 10 OCTOBER ===== |          | 82      | 83      |
|-------------------------------|----------|---------|---------|
| FUEL                          |          | BS_RPWR | BS_NGCC |
| ----- YEAR 2011 -----         |          |         |         |
| SEASONAL FIXED FUEL COST      | \$000    | 0.00    | 0.00    |
| SEASONAL FUEL LIMIT MAXIMUM   | UNIT/DAY | -1.00   | -1.00   |
| SEASONAL FUEL LIMIT MINIMUM   | UNIT/DAY | -1.00   | -1.00   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

1 A Input Summary.txt

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ----- SEASON 11 NOVEMBER ----- |          | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2011 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----          |          |        |        |        |        |        |        |        |

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 Strategist Page 211

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ----- SEASON 11 NOVEMBER ----- |  | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|--------------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |  | AMOS_1 | AMOS_2 | AMOS_3 | BECK_6 | BIGS_1 | BIGS_2 | CARD_1 |
| ----- YEAR 2022 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----          |  |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2039 -----

----- YEAR 2040 -----

| ===== SEASON 11 NOVEMBER ===== |                    |          |  | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|--------------------------------|--------------------|----------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |                    |          |  | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| -----                          | YEAR 2011          | -----    |  |        |        |        |        |        |        |        |
| SEASONAL                       | FIXED FUEL COST    | \$000    |  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                       | FUEL LIMIT MAXIMUM | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                       | FUEL LIMIT MINIMUM | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                          | YEAR 2012          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2013          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2014          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2015          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2016          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2017          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2018          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2019          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2020          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2021          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2022          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2023          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2024          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2025          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2026          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2027          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2028          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2029          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2030          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2031          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2032          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2033          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2034          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2035          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2036          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2037          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2038          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2039          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2040          | -----    |  |        |        |        |        |        |        |        |

| ===== SEASON 11 NOVEMBER ===== |                    |          |  | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|--------------------------------|--------------------|----------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |                    |          |  | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| -----                          | YEAR 2011          | -----    |  |        |        |        |        |        |        |        |
| SEASONAL                       | FIXED FUEL COST    | \$000    |  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL                       | FUEL LIMIT MAXIMUM | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL                       | FUEL LIMIT MINIMUM | UNIT/DAY |  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| -----                          | YEAR 2012          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2013          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2014          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2015          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2016          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2017          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2018          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2019          | -----    |  |        |        |        |        |        |        |        |
| -----                          | YEAR 2020          | -----    |  |        |        |        |        |        |        |        |

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 9/02/12/13 08:26:56 V04.0 R03.0

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 11 NOVEMBER ===== |  | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|--------------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |  | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3 | CSVL_1 | CSVL_2 | CSVL_3 |
| ----- YEAR 2034 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----          |  |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----          |  |        |        |        |        |        |        |        |

| ===== SEASON 11 NOVEMBER ===== |          | 22     | 23     | 24     | 25     | 26     | 27     | 28     |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1 | COOK_2 | GAVI_1 | GAVI_2 |
| ----- YEAR 2011 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 803.90 | 803.90 | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 808.93 | 808.93 | 0.00   | 0.00   |
| ----- YEAR 2013 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 532.83 | 532.83 | 0.00   | 0.00   |
| ----- YEAR 2014 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 538.16 | 538.16 | 0.00   | 0.00   |
| ----- YEAR 2015 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 543.66 | 543.66 | 0.00   | 0.00   |
| ----- YEAR 2016 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 549.32 | 549.32 | 0.00   | 0.00   |
| ----- YEAR 2017 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 555.15 | 555.15 | 0.00   | 0.00   |
| ----- YEAR 2018 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 561.15 | 561.15 | 0.00   | 0.00   |
| ----- YEAR 2019 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 567.34 | 567.34 | 0.00   | 0.00   |
| ----- YEAR 2020 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 573.71 | 573.71 | 0.00   | 0.00   |
| ----- YEAR 2021 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 580.03 | 580.03 | 0.00   | 0.00   |
| ----- YEAR 2022 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 586.54 | 586.54 | 0.00   | 0.00   |
| ----- YEAR 2023 -----          |          |        |        |        |        |        |        |        |

|                          |       |                       |      |      |        |        |      |      |
|--------------------------|-------|-----------------------|------|------|--------|--------|------|------|
|                          |       | 1 A Input Summary.txt |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 593.01 | 593.01 | 0.00 | 0.00 |
| ----- YEAR 2024 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 599.67 | 599.67 | 0.00 | 0.00 |
| ----- YEAR 2025 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 606.28 | 606.28 | 0.00 | 0.00 |
| ----- YEAR 2026 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 613.08 | 613.08 | 0.00 | 0.00 |
| ----- YEAR 2027 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 619.84 | 619.84 | 0.00 | 0.00 |
| ----- YEAR 2028 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 626.80 | 626.80 | 0.00 | 0.00 |
| ----- YEAR 2029 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 633.71 | 633.71 | 0.00 | 0.00 |
| ----- YEAR 2030 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 640.83 | 640.83 | 0.00 | 0.00 |
| ----- YEAR 2031 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 647.89 | 647.89 | 0.00 | 0.00 |
| ----- YEAR 2032 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 655.16 | 655.16 | 0.00 | 0.00 |
| ----- YEAR 2033 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 662.38 | 662.38 | 0.00 | 0.00 |
| ----- YEAR 2034 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 669.82 | 669.82 | 0.00 | 0.00 |
| ----- YEAR 2035 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 677.20 | 677.20 | 0.00 | 0.00 |
| ----- YEAR 2036 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 0.00   | 684.81 | 0.00 | 0.00 |
| ----- YEAR 2037 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 0.00   | 692.36 | 0.00 | 0.00 |
| ----- YEAR 2038 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |
| ----- YEAR 2039 -----    |       |                       |      |      |        |        |      |      |
| ----- YEAR 2040 -----    |       |                       |      |      |        |        |      |      |

|                             |          |                                |        |        |        |        |        |        |
|-----------------------------|----------|--------------------------------|--------|--------|--------|--------|--------|--------|
|                             |          | ===== SEASON 11 NOVEMBER ===== |        |        |        |        |        |        |
| FUEL                        |          | 29                             | 30     | 33     | 34     | 35     | 36     | 37     |
|                             |          | GLEN_5                         | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |
| ----- YEAR 2011 -----       |          |                                |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00                           | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00                          | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00                          | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2013 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2014 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2015 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2016 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2017 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2018 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2019 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2020 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2021 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2022 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2023 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2024 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2025 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2026 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2027 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2028 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2029 -----       |          |                                |        |        |        |        |        |        |
| ----- YEAR 2030 -----       |          |                                |        |        |        |        |        |        |



----- YEAR 2031 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

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===== SEASON 11 NOVEMBER =====
FUEL          29          30          33          34          35          36          37
              GLEN_5    GLEN_6    KAMM_1    KAMM_2    KAMM_3    KANA_1    KANA_2

----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 11 NOVEMBER =====
FUEL          38          39          40          41          42          43          44
              KYGE_1    KYGE_2    KYGE_3    KYGE_4    KYGE_5    MITC_1    MITC_2

----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY  -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY  -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----

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1 A Input Summary.txt

----- YEAR 2039 -----

----- YEAR 2040 -----

| ===== SEASON 11 NOVEMBER ===== |          | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|--------------------------------|----------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| ----- YEAR 2011 -----          |          |          |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

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----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 11 NOVEMBER ===== |          | 52     | 53     | 54     | 55     | 56     | 58       | 59       |
|--------------------------------|----------|--------|--------|--------|--------|--------|----------|----------|
| FUEL                           |          | PSPN_2 | PSPN_3 | PSPN_4 | PSPN_5 | PICW_5 | ROCK_1IM | ROCK_2IM |
| ----- YEAR 2011 -----          |          |        |        |        |        |        |          |          |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00    | -1.00    |

1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 11 NOVEMBER ===== |          | 61     | 62     | 63     | 64     | 65     | 66     | 67     |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          | STUA_1 | STUA_2 | STUA_3 | STUA_4 | BS1_CC | TANN_1 | TANN_2 |
| ----- YEAR 2011 -----          |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----          |          |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----          |          |        |        |        |        |        |        |        |

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 11 NOVEMBER ===== |          | 68     | 69     | 70     | 71       | 72      | 73       | 74     |
|--------------------------------|----------|--------|--------|--------|----------|---------|----------|--------|
| FUEL                           |          | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |
| ----- YEAR 2011 -----          |          |        |        |        |          |         |          |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00     | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00    | -1.00   | -1.00    | -1.00  |
| ----- YEAR 2012 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2013 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2014 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2015 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2016 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2017 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2018 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2019 -----          |          |        |        |        |          |         |          |        |
| ----- YEAR 2020 -----          |          |        |        |        |          |         |          |        |

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AEP EAST  
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 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 11 NOVEMBER ===== |  | 68     | 69     | 70     | 71       | 72      | 73       | 74     |
|--------------------------------|--|--------|--------|--------|----------|---------|----------|--------|
| FUEL                           |  | TANN_3 | TANN_4 | ZIMM_1 | TCO_POOL | DOMINON | TCO_DELV | CEREDO |
| ----- YEAR 2021 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2022 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2023 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2024 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2025 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2026 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2027 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2028 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2029 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2030 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2031 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2032 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2033 -----          |  |        |        |        |          |         |          |        |
| ----- YEAR 2034 -----          |  |        |        |        |          |         |          |        |

1 A Input Summary.txt

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 11 NOVEMBER ===== |          | 75    | 76      | 77     | 78     | 79       | 80       | 81       |
|--------------------------------|----------|-------|---------|--------|--------|----------|----------|----------|
| FUEL                           |          | DARBY | DRESDEN | LAWRNG | ROBMON | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ----- YEAR 2011 -----          |          |       |         |        |        |          |          |          |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00  | 0.00    | 0.00   | 0.00   | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00  | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00  | -1.00    | -1.00    | -1.00    |
| ----- YEAR 2012 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2013 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2014 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2015 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2016 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2017 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2018 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2019 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2020 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2021 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2022 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2023 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2024 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2025 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2026 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2027 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2028 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2029 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2030 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2031 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2032 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2033 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2034 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2035 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2036 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2037 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2038 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2039 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2040 -----          |          |       |         |        |        |          |          |          |

| ===== SEASON 11 NOVEMBER ===== |          | 62      | 83      |
|--------------------------------|----------|---------|---------|
| FUEL                           |          | BS_RPWR | BS_NGCC |
| ----- YEAR 2011 -----          |          |         |         |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00    | 0.00    |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00   | -1.00   |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00   | -1.00   |
| ----- YEAR 2012 -----          |          |         |         |
| ----- YEAR 2013 -----          |          |         |         |
| ----- YEAR 2014 -----          |          |         |         |
| ----- YEAR 2015 -----          |          |         |         |
| ----- YEAR 2016 -----          |          |         |         |

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

===== SEASON 11 NOVEMBER =====  
 FUEL 82 83  
 BS\_RPWR BS\_NGCC

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====  
 FUEL 1 2 3 4 5 6 7  
 AMOS\_1 AMOS\_2 AMOS\_3 BECK\_6 BIGS\_1 BIGS\_2 CARD\_1

|                             |          | 1     | 2     | 3     | 4     | 5     | 6     | 7     |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| ----- YEAR 2011 -----       |          |       |       |       |       |       |       |       |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |
| ----- YEAR 2012 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2013 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2014 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2015 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2016 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2017 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2018 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2019 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2020 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2021 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2022 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2023 -----       |          |       |       |       |       |       |       |       |
| ----- YEAR 2024 -----       |          |       |       |       |       |       |       |       |

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----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 12 DECEMBER ===== |          |       |       | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
|--------------------------------|----------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          |       |       | CARD_2 | CARD_3 | CLIF_1 | CLIF_2 | CLIF_3 | CLIF_4 | CLIF_5 |
| ----- YEAR 2011 -----          |          |       |       |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00 | -1.00 | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00 | -1.00 | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2014 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2015 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2016 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2017 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2018 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2019 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2020 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2021 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2022 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2023 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2024 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2025 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2026 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2027 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2028 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2029 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2030 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2031 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2032 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2033 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2034 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2035 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2036 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2037 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2038 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2039 -----          |          |       |       |        |        |        |        |        |        |        |
| ----- YEAR 2040 -----          |          |       |       |        |        |        |        |        |        |        |

1 A Input Summary.txt

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===== SEASON 12 DECEMBER =====
FUEL              15      16      17      18      19      20      21
                  CLIF_6  CLIN_1  CLIN_2  CLIN_3  CSVL_1  CSVL_2  CSVL_3
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00      0.00      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

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===== SEASON 12 DECEMBER =====
FUEL              15      16      17      18      19      20      21
                  CLIF_6  CLIN_1  CLIN_2  CLIN_3  CSVL_1  CSVL_2  CSVL_3
----- YEAR 2011 -----
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 12 DECEMBER =====
FUEL              22      23      24      25      26      27      28
                  CSVL_4  CSVL_5  CSVL_6  COOK_1  COOK_2  GAVI_1  GAVI_2
----- YEAR 2011 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00     453.90     453.90      0.00      0.00
SEASONAL FUEL LIMIT MAXIMUM  UNIT/DAY -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
SEASONAL FUEL LIMIT MINIMUM  UNIT/DAY -1.00     -1.00     -1.00     -1.00     -1.00     -1.00     -1.00
----- YEAR 2012 -----
SEASONAL FIXED FUEL COST      $000      0.00      0.00      0.00     458.93     458.93      0.00      0.00
----- YEAR 2013 -----

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|                          |       | 1 A Input Summary.txt |      |      |        |        |      |      |
|--------------------------|-------|-----------------------|------|------|--------|--------|------|------|
|                          | \$000 | 0.00                  | 0.00 | 0.00 | 182.83 | 182.83 | 0.00 | 0.00 |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 182.83 | 182.83 | 0.00 | 0.00 |
| ----- YEAR 2014 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 188.16 | 188.16 | 0.00 | 0.00 |
| ----- YEAR 2015 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 193.66 | 193.66 | 0.00 | 0.00 |
| ----- YEAR 2016 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 199.32 | 199.32 | 0.00 | 0.00 |
| ----- YEAR 2017 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 205.15 | 205.15 | 0.00 | 0.00 |
| ----- YEAR 2018 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 211.15 | 211.15 | 0.00 | 0.00 |
| ----- YEAR 2019 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 217.34 | 217.34 | 0.00 | 0.00 |
| ----- YEAR 2020 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 223.71 | 223.71 | 0.00 | 0.00 |
| ----- YEAR 2021 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 230.26 | 230.26 | 0.00 | 0.00 |
| ----- YEAR 2022 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 237.01 | 237.01 | 0.00 | 0.00 |
| ----- YEAR 2023 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 243.95 | 243.95 | 0.00 | 0.00 |
| ----- YEAR 2024 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 251.10 | 251.10 | 0.00 | 0.00 |
| ----- YEAR 2025 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 258.46 | 258.46 | 0.00 | 0.00 |
| ----- YEAR 2026 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 266.03 | 266.03 | 0.00 | 0.00 |
| ----- YEAR 2027 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 273.83 | 273.83 | 0.00 | 0.00 |
| ----- YEAR 2028 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 281.85 | 281.85 | 0.00 | 0.00 |
| ----- YEAR 2029 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 290.11 | 290.11 | 0.00 | 0.00 |
| ----- YEAR 2030 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 298.61 | 298.61 | 0.00 | 0.00 |
| ----- YEAR 2031 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 307.36 | 307.36 | 0.00 | 0.00 |
| ----- YEAR 2032 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 316.36 | 316.36 | 0.00 | 0.00 |
| ----- YEAR 2033 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 325.63 | 325.63 | 0.00 | 0.00 |
| ----- YEAR 2034 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 335.18 | 335.18 | 0.00 | 0.00 |
| ----- YEAR 2035 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 344.99 | 344.99 | 0.00 | 0.00 |
| ----- YEAR 2036 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 0.00   | 355.10 | 0.00 | 0.00 |
| ----- YEAR 2037 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 0.00   | 365.51 | 0.00 | 0.00 |
| ----- YEAR 2038 -----    |       |                       |      |      |        |        |      |      |
| SEASONAL FIXED FUEL COST | \$000 | 0.00                  | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |
| ----- YEAR 2039 -----    |       |                       |      |      |        |        |      |      |
| ----- YEAR 2040 -----    |       |                       |      |      |        |        |      |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 12 DECEMBER ===== |  | 29     | 30     | 33     | 34     | 35     | 36     | 37     |
|--------------------------------|--|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |  | GLEN_5 | GLEN_6 | KAMM_1 | KAMM_2 | KAMM_3 | KANA_1 | KANA_2 |

1 A Input Summary.txt

| YEAR                        | 2011     | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  | 2024  | 2025  | 2026  | 2027  | 2028  | 2029  | 2030  | 2031  | 2032  | 2033  | 2034  | 2035  | 2036  | 2037  | 2038  | 2039  | 2040 |
|-----------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| SEASONAL FIXED FUEL COST    | \$000    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |      |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |      |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 | -1.00 |      |

  

| ===== SEASON 12 DECEMBER ===== |          | 38     | 39     | 40     | 41     | 42     | 43     | 44     |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          | KYGE_1 | KYGE_2 | KYGE_3 | KYGE_4 | KYGE_5 | MITC_1 | MITC_2 |
| YEAR 2011                      |          |        |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| YEAR 2012                      |          |        |        |        |        |        |        |        |
| YEAR 2013                      |          |        |        |        |        |        |        |        |
| YEAR 2014                      |          |        |        |        |        |        |        |        |
| YEAR 2015                      |          |        |        |        |        |        |        |        |
| YEAR 2016                      |          |        |        |        |        |        |        |        |
| YEAR 2017                      |          |        |        |        |        |        |        |        |
| YEAR 2018                      |          |        |        |        |        |        |        |        |
| YEAR 2019                      |          |        |        |        |        |        |        |        |
| YEAR 2020                      |          |        |        |        |        |        |        |        |
| YEAR 2021                      |          |        |        |        |        |        |        |        |
| YEAR 2022                      |          |        |        |        |        |        |        |        |
| YEAR 2023                      |          |        |        |        |        |        |        |        |
| YEAR 2024                      |          |        |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 12 DECEMBER ===== |          | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|--------------------------------|----------|----------|--------|--------|--------|--------|--------|--------|
| FUEL                           |          | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| ----- YEAR 2011 -----          |          |          |        |        |        |        |        |        |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00    | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  | -1.00  |
| ----- YEAR 2012 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2013 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2014 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2015 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2016 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2017 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2018 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2019 -----          |          |          |        |        |        |        |        |        |
| ----- YEAR 2020 -----          |          |          |        |        |        |        |        |        |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT  
 QUALIFIER = GAF.INPUT.FUEL TYPE.

| ===== SEASON 12 DECEMBER ===== |  | 45       | 46     | 47     | 48     | 49     | 50     | 51     |
|--------------------------------|--|----------|--------|--------|--------|--------|--------|--------|
| FUEL                           |  | MTNR_6.0 | MUSK_1 | MUSK_2 | MUSK_3 | MUSK_4 | MUSK_5 | PSPN_1 |
| ----- YEAR 2021 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2022 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2023 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2024 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2025 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2026 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2027 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2028 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2029 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2030 -----          |  |          |        |        |        |        |        |        |
| ----- YEAR 2031 -----          |  |          |        |        |        |        |        |        |

1 A Input Summary.txt

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====

| FUEL                        |          | 52<br>PSPN_2 | 53<br>PSPN_3 | 54<br>PSPN_4 | 55<br>PSPN_5 | 56<br>PICW_5 | 58<br>ROCK_1IM | 59<br>ROCK_2IM |
|-----------------------------|----------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|
| ----- YEAR 2011 -----       |          |              |              |              |              |              |                |                |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00           | 0.00           |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00          | -1.00          |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00          | -1.00          |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====

| FUEL                        |          | 61<br>STUA_1 | 62<br>STUA_2 | 63<br>STUA_3 | 64<br>STUA_4 | 65<br>BS1_CC | 66<br>TANN_1 | 67<br>TANN_2 |
|-----------------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ----- YEAR 2011 -----       |          |              |              |              |              |              |              |              |
| SEASONAL FIXED FUEL COST    | \$000    | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| SEASONAL FUEL LIMIT MAXIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |
| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        | -1.00        |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

===== SEASON 12 DECEMBER =====  
 FUEL 61 62 63 64 65 66 67  
 STUA\_1 STUA\_2 STUA\_3 STUA\_4 BS1\_CC TANN\_1 TANN\_2  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====  
 FUEL 68 69 70 71 72 73 74  
 TANN\_3 TANN\_4 ZIMM\_1 TCO\_POOL DOMINON TCO\_DELV CEREDO  
 ----- YEAR 2011 -----  
 SEASONAL FIXED FUEL COST \$000 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00  
 SEASONAL FUEL LIMIT MINIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 12 DECEMBER ===== |          | 75    | 76      | 77     | 78     | 79       | 80       | 81       |
|--------------------------------|----------|-------|---------|--------|--------|----------|----------|----------|
| FUEL                           |          | DARBY | DRESDEN | LAWRNG | ROBMON | WATERFOR | ROCK_5.1 | MR5_NGCC |
| ----- YEAR 2011 -----          |          |       |         |        |        |          |          |          |
| SEASONAL FIXED FUEL COST       | \$000    | 0.00  | 0.00    | 0.00   | 0.00   | 0.00     | 0.00     | 0.00     |
| SEASONAL FUEL LIMIT MAXIMUM    | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00  | -1.00    | -1.00    | -1.00    |
| SEASONAL FUEL LIMIT MINIMUM    | UNIT/DAY | -1.00 | -1.00   | -1.00  | -1.00  | -1.00    | -1.00    | -1.00    |
| ----- YEAR 2012 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2013 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2014 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2015 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2016 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2017 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2018 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2019 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2020 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2021 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2022 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2023 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2024 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2025 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2026 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2027 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2028 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2029 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2030 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2031 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2032 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2033 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2034 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2035 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2036 -----          |          |       |         |        |        |          |          |          |
| ----- YEAR 2037 -----          |          |       |         |        |        |          |          |          |

| SEASONAL FUEL LIMIT MINIMUM | UNIT/DAY | -1.00 | -1.00 |
|-----------------------------|----------|-------|-------|
| YEAR 2011                   |          |       |       |
| YEAR 2012                   |          |       |       |
| YEAR 2013                   |          |       |       |
| YEAR 2014                   |          |       |       |
| YEAR 2015                   |          |       |       |
| YEAR 2016                   |          |       |       |
| YEAR 2017                   |          |       |       |
| YEAR 2018                   |          |       |       |
| YEAR 2019                   |          |       |       |
| YEAR 2020                   |          |       |       |
| YEAR 2021                   |          |       |       |
| YEAR 2022                   |          |       |       |
| YEAR 2023                   |          |       |       |
| YEAR 2024                   |          |       |       |
| YEAR 2025                   |          |       |       |
| YEAR 2026                   |          |       |       |
| YEAR 2027                   |          |       |       |
| YEAR 2028                   |          |       |       |
| YEAR 2029                   |          |       |       |
| YEAR 2030                   |          |       |       |
| YEAR 2031                   |          |       |       |
| YEAR 2032                   |          |       |       |
| YEAR 2033                   |          |       |       |
| YEAR 2034                   |          |       |       |
| YEAR 2035                   |          |       |       |
| YEAR 2036                   |          |       |       |
| YEAR 2037                   |          |       |       |
| YEAR 2038                   |          |       |       |
| YEAR 2039                   |          |       |       |
| YEAR 2040                   |          |       |       |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

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1 A Input Summary.txt

QUALIFIER = GAF.INPUT.HYDRO UNIT.

| HYDRO UNIT                   |       | 1<br>HYDRO AP<br>0 | 2<br>HYDRO IM<br>0 | 3<br>RACINE<br>0 |
|------------------------------|-------|--------------------|--------------------|------------------|
| AIR BASIN POINTER            |       | 1                  | 1                  | 1                |
| COMMISSION MONTH             | MONTH | 1                  | 1                  | 1                |
| COMMISSION YEAR              | YEAR  | 2011               | 2011               | 2011             |
| COMMITMENT CONTRIBUTION      |       | N                  | N                  | N                |
| ESCALATION ANCILLARY REVENUE |       |                    |                    |                  |
| ESCALATION CAPACITY REVENUE  |       |                    |                    |                  |
| ESCALATION FIXED COSTS       |       |                    |                    |                  |
| ESCALATION VARIABLE COSTS    |       |                    |                    |                  |
| RETIREMENT MONTH             | MONTH | 12                 | 12                 | 12               |
| RETIREMENT YEAR              | YEAR  | 2045               | 2045               | 2045             |
| SOURCE INDEX NUMBER          |       | 0                  | 0                  | 0                |
| SPINNING CONTRIBUTION        | %     | 100.00             | 100.00             | 100.00           |
| SYSTEM AGGREGATE POINTER     |       | 0                  | 0                  | 0                |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

| HYDRO UNIT                     |        | 1<br>HYDRO AP<br>0 | 2<br>HYDRO IM<br>0 | 3<br>RACINE<br>0 |
|--------------------------------|--------|--------------------|--------------------|------------------|
| ----- YEAR 2011 -----          |        |                    |                    |                  |
| ANCILLARY REVENUE RATE         | \$/MWH | 0.00               | 0.00               | 0.00             |
| ANNUAL HYDRO ENERGY            | MWH    | 678900.00          | 116500.00          | 177300.00        |
| CAPACITY REVENUE PROFILE       |        | 0                  | 0                  | 0                |
| CAPACITY REVENUE RATE          | \$/KW  | 0.00               | 0.00               | 0.00             |
| FIXED COSTS                    | \$/000 | 0.00               | 0.00               | 0.00             |
| HYDRO ENERGY POINTER           |        | 0                  | 0                  | 0                |
| HYDRO MAXIMUM CAPACITY POINTER |        | -31                | -32                | -20              |
| HYDRO MINIMUM CAPACITY POINTER |        | -31                | -32                | -20              |
| MAXIMUM CAPACITY               | MW     | 121.00             | 18.00              | 26.00            |
| MINIMUM CAPACITY               | MW     | 20.00              | 2.00               | 1.00             |
| PERCENT FIRM                   | %      | 100.00             | 100.00             | 100.00           |
| RENEWABLE ENERGY CREDIT        | RATIO  | 0.00               | 0.00               | 0.00             |
| VARIABLE O AND M COSTS         | \$/MWH | 0.00               | 0.00               | 0.00             |
| ----- YEAR 2012 -----          |        |                    |                    |                  |
| ANNUAL HYDRO ENERGY            | MWH    | 696500.00          | 118600.00          | 183600.00        |
| ----- YEAR 2013 -----          |        |                    |                    |                  |
| ANNUAL HYDRO ENERGY            | MWH    | 667200.00          | 118900.00          | 183600.00        |
| ----- YEAR 2014 -----          |        |                    |                    |                  |
| ANNUAL HYDRO ENERGY            | MWH    | 714200.00          | 117700.00          | 183600.00        |
| ----- YEAR 2015 -----          |        |                    |                    |                  |
| ----- YEAR 2016 -----          |        |                    |                    |                  |
| ----- YEAR 2017 -----          |        |                    |                    |                  |
| ----- YEAR 2018 -----          |        |                    |                    |                  |
| ----- YEAR 2019 -----          |        |                    |                    |                  |
| ----- YEAR 2020 -----          |        |                    |                    |                  |
| ----- YEAR 2021 -----          |        |                    |                    |                  |
| ----- YEAR 2022 -----          |        |                    |                    |                  |
| ----- YEAR 2023 -----          |        |                    |                    |                  |
| ----- YEAR 2024 -----          |        |                    |                    |                  |
| ----- YEAR 2025 -----          |        |                    |                    |                  |
| ----- YEAR 2026 -----          |        |                    |                    |                  |
| ----- YEAR 2027 -----          |        |                    |                    |                  |
| ----- YEAR 2028 -----          |        |                    |                    |                  |
| ----- YEAR 2029 -----          |        |                    |                    |                  |
| ----- YEAR 2030 -----          |        |                    |                    |                  |
| ----- YEAR 2031 -----          |        |                    |                    |                  |
| ----- YEAR 2032 -----          |        |                    |                    |                  |
| ----- YEAR 2033 -----          |        |                    |                    |                  |
| ----- YEAR 2034 -----          |        |                    |                    |                  |

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----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

| GENERATING COMPANIES<br>HYDRO UNIT       | 1 OPCO+CSP | 1<br>HYDRO AP<br>0 | 2<br>HYDRO IM<br>0 | 3<br>RACINE<br>0 |
|------------------------------------------|------------|--------------------|--------------------|------------------|
| ----- YEAR 2011 -----<br>OWNERSHIP RATIO | RATIO      | 0.00               | 0.00               | 1.00             |
| ----- YEAR 2012 -----                    |            |                    |                    |                  |
| ----- YEAR 2013 -----                    |            |                    |                    |                  |
| ----- YEAR 2014 -----                    |            |                    |                    |                  |
| ----- YEAR 2015 -----                    |            |                    |                    |                  |
| ----- YEAR 2016 -----                    |            |                    |                    |                  |
| ----- YEAR 2017 -----                    |            |                    |                    |                  |
| ----- YEAR 2018 -----                    |            |                    |                    |                  |
| ----- YEAR 2019 -----                    |            |                    |                    |                  |
| ----- YEAR 2020 -----                    |            |                    |                    |                  |
| ----- YEAR 2021 -----                    |            |                    |                    |                  |
| ----- YEAR 2022 -----                    |            |                    |                    |                  |
| ----- YEAR 2023 -----                    |            |                    |                    |                  |
| ----- YEAR 2024 -----                    |            |                    |                    |                  |
| ----- YEAR 2025 -----                    |            |                    |                    |                  |
| ----- YEAR 2026 -----                    |            |                    |                    |                  |
| ----- YEAR 2027 -----                    |            |                    |                    |                  |
| ----- YEAR 2028 -----                    |            |                    |                    |                  |
| ----- YEAR 2029 -----                    |            |                    |                    |                  |
| ----- YEAR 2030 -----                    |            |                    |                    |                  |
| ----- YEAR 2031 -----                    |            |                    |                    |                  |
| ----- YEAR 2032 -----                    |            |                    |                    |                  |
| ----- YEAR 2033 -----                    |            |                    |                    |                  |
| ----- YEAR 2034 -----                    |            |                    |                    |                  |
| ----- YEAR 2035 -----                    |            |                    |                    |                  |
| ----- YEAR 2036 -----                    |            |                    |                    |                  |
| ----- YEAR 2037 -----                    |            |                    |                    |                  |
| ----- YEAR 2038 -----                    |            |                    |                    |                  |
| ----- YEAR 2039 -----                    |            |                    |                    |                  |
| ----- YEAR 2040 -----                    |            |                    |                    |                  |

| GENERATING COMPANIES<br>HYDRO UNIT       | 2 I&M | 1<br>HYDRO AP<br>0 | 2<br>HYDRO IM<br>0 | 3<br>RACINE<br>0 |
|------------------------------------------|-------|--------------------|--------------------|------------------|
| ----- YEAR 2011 -----<br>OWNERSHIP RATIO | RATIO | 0.00               | 1.00               | 0.00             |
| ----- YEAR 2012 -----                    |       |                    |                    |                  |
| ----- YEAR 2013 -----                    |       |                    |                    |                  |
| ----- YEAR 2014 -----                    |       |                    |                    |                  |
| ----- YEAR 2015 -----                    |       |                    |                    |                  |
| ----- YEAR 2016 -----                    |       |                    |                    |                  |
| ----- YEAR 2017 -----                    |       |                    |                    |                  |
| ----- YEAR 2018 -----                    |       |                    |                    |                  |
| ----- YEAR 2019 -----                    |       |                    |                    |                  |
| ----- YEAR 2020 -----                    |       |                    |                    |                  |

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

GENERATING COMPANIES  
 HYDRO UNIT

3 APCO

|       |    |       |    |        |   |
|-------|----|-------|----|--------|---|
|       | 1  |       | 2  |        | 3 |
| HYDRO | AP | HYDRO | IM | RACINE |   |
|       | 0  |       | 0  |        | 0 |

----- YEAR 2011 -----  
 OWNERSHIP RATIO RATIO 1.00 0.00 0.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

GENERATING COMPANIES  
 HYDRO UNIT

3 APCO

|       |    |       |    |        |   |
|-------|----|-------|----|--------|---|
|       | 1  |       | 2  |        | 3 |
| HYDRO | AP | HYDRO | IM | RACINE |   |
|       | 0  |       | 0  |        | 0 |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

1 A Input Summary.txt

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

GENERATING COMPANIES  
 HYDRO UNIT

4 KPCO

|          |          |        |   |
|----------|----------|--------|---|
|          | 1        | 2      | 3 |
| HYDRO AP | HYDRO IM | RACINE |   |
| 0        | 0        | 0      | 0 |

----- YEAR 2011 -----  
 OWNERSHIP RATIO  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|       |      |      |      |
|-------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

| ===== SEASON 1 JANUARY ===== |       | 1        | 2        | 3      |
|------------------------------|-------|----------|----------|--------|
| HYDRO UNIT                   |       | HYDRO AP | HYDRO IM | RACINE |
|                              |       | 0        | 0        | 0      |
| ----- YEAR 2011 -----        |       |          |          |        |
| SEASONAL HYDRO ENERGY        | RATIO | 0.09     | 0.09     | 0.09   |
| ----- YEAR 2012 -----        |       |          |          |        |
| SEASONAL HYDRO ENERGY        | RATIO | 0.10     | 0.09     | 0.09   |
| ----- YEAR 2013 -----        |       |          |          |        |
| SEASONAL HYDRO ENERGY        | RATIO | 0.10     | 0.09     | 0.09   |
| ----- YEAR 2014 -----        |       |          |          |        |
| SEASONAL HYDRO ENERGY        | RATIO | 0.10     | 0.09     | 0.09   |
| ----- YEAR 2015 -----        |       |          |          |        |
| ----- YEAR 2016 -----        |       |          |          |        |
| ----- YEAR 2017 -----        |       |          |          |        |
| ----- YEAR 2018 -----        |       |          |          |        |
| ----- YEAR 2019 -----        |       |          |          |        |
| ----- YEAR 2020 -----        |       |          |          |        |
| ----- YEAR 2021 -----        |       |          |          |        |
| ----- YEAR 2022 -----        |       |          |          |        |
| ----- YEAR 2023 -----        |       |          |          |        |
| ----- YEAR 2024 -----        |       |          |          |        |
| ----- YEAR 2025 -----        |       |          |          |        |

|          |          |        |
|----------|----------|--------|
| 1        | 2        | 3      |
| HYDRO AP | HYDRO IM | RACINE |
| 0        | 0        | 0      |

|          |                 |       |      |      |      |
|----------|-----------------|-------|------|------|------|
| -----    | YEAR 2011 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.10 | 0.08 | 0.08 |
| -----    | YEAR 2012 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.10 | 0.09 | 0.07 |
| -----    | YEAR 2013 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.10 | 0.08 | 0.07 |
| -----    | YEAR 2014 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.10 | 0.08 | 0.07 |
| -----    | YEAR 2015 ----- |       |      |      |      |
| -----    | YEAR 2016 ----- |       |      |      |      |
| -----    | YEAR 2017 ----- |       |      |      |      |
| -----    | YEAR 2018 ----- |       |      |      |      |
| -----    | YEAR 2019 ----- |       |      |      |      |
| -----    | YEAR 2020 ----- |       |      |      |      |
| -----    | YEAR 2021 ----- |       |      |      |      |
| -----    | YEAR 2022 ----- |       |      |      |      |
| -----    | YEAR 2023 ----- |       |      |      |      |
| -----    | YEAR 2024 ----- |       |      |      |      |
| -----    | YEAR 2025 ----- |       |      |      |      |
| -----    | YEAR 2026 ----- |       |      |      |      |
| -----    | YEAR 2027 ----- |       |      |      |      |
| -----    | YEAR 2028 ----- |       |      |      |      |
| -----    | YEAR 2029 ----- |       |      |      |      |
| -----    | YEAR 2030 ----- |       |      |      |      |
| -----    | YEAR 2031 ----- |       |      |      |      |
| -----    | YEAR 2032 ----- |       |      |      |      |
| -----    | YEAR 2033 ----- |       |      |      |      |
| -----    | YEAR 2034 ----- |       |      |      |      |
| -----    | YEAR 2035 ----- |       |      |      |      |
| -----    | YEAR 2036 ----- |       |      |      |      |
| -----    | YEAR 2037 ----- |       |      |      |      |
| -----    | YEAR 2038 ----- |       |      |      |      |
| -----    | YEAR 2039 ----- |       |      |      |      |
| -----    | YEAR 2040 ----- |       |      |      |      |

1 A Input Summary.txt

```

===== SEASON 3  MARCH =====
HYDRO UNIT              1          2          3
                        HYDRO AP  HYDRO IM  RACINE
                        0          0          0

----- YEAR 2011 -----
SEASONAL HYDRO ENERGY    RATIO    0.13    0.10    0.08

----- YEAR 2012 -----
SEASONAL HYDRO ENERGY    RATIO    0.13    0.10    0.08

----- YEAR 2013 -----
SEASONAL HYDRO ENERGY    RATIO    0.13    0.10    0.08

----- YEAR 2014 -----
SEASONAL HYDRO ENERGY    RATIO    0.12    0.10    0.08

----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----

```

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.HYDRO UNIT.

```

===== SEASON 3  MARCH =====
HYDRO UNIT              1          2          3
                        HYDRO AP  HYDRO IM  RACINE
                        0          0          0

----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 4  APRIL =====
HYDRO UNIT              1          2          3
                        HYDRO AP  HYDRO IM  RACINE
                        0          0          0

----- YEAR 2011 -----
SEASONAL HYDRO ENERGY    RATIO    0.12    0.11    0.08

----- YEAR 2012 -----
SEASONAL HYDRO ENERGY    RATIO    0.12    0.11    0.08

```



1 A Input Summary.txt

|                       |       |      |      |      |
|-----------------------|-------|------|------|------|
| ----- YEAR 2013 ----- |       |      |      |      |
| SEASONAL HYDRO ENERGY | RATIO | 0.12 | 0.11 | 0.08 |
| ----- YEAR 2014 ----- |       |      |      |      |
| SEASONAL HYDRO ENERGY | RATIO | 0.11 | 0.11 | 0.08 |
| ----- YEAR 2015 ----- |       |      |      |      |
| ----- YEAR 2016 ----- |       |      |      |      |
| ----- YEAR 2017 ----- |       |      |      |      |
| ----- YEAR 2018 ----- |       |      |      |      |
| ----- YEAR 2019 ----- |       |      |      |      |
| ----- YEAR 2020 ----- |       |      |      |      |
| ----- YEAR 2021 ----- |       |      |      |      |
| ----- YEAR 2022 ----- |       |      |      |      |
| ----- YEAR 2023 ----- |       |      |      |      |
| ----- YEAR 2024 ----- |       |      |      |      |
| ----- YEAR 2025 ----- |       |      |      |      |
| ----- YEAR 2026 ----- |       |      |      |      |
| ----- YEAR 2027 ----- |       |      |      |      |
| ----- YEAR 2028 ----- |       |      |      |      |
| ----- YEAR 2029 ----- |       |      |      |      |
| ----- YEAR 2030 ----- |       |      |      |      |
| ----- YEAR 2031 ----- |       |      |      |      |
| ----- YEAR 2032 ----- |       |      |      |      |
| ----- YEAR 2033 ----- |       |      |      |      |
| ----- YEAR 2034 ----- |       |      |      |      |
| ----- YEAR 2035 ----- |       |      |      |      |
| ----- YEAR 2036 ----- |       |      |      |      |
| ----- YEAR 2037 ----- |       |      |      |      |
| ----- YEAR 2038 ----- |       |      |      |      |
| ----- YEAR 2039 ----- |       |      |      |      |
| ----- YEAR 2040 ----- |       |      |      |      |

|                       |           |          |          |        |
|-----------------------|-----------|----------|----------|--------|
| ===== SEASON 5        | MAY ===== |          |          |        |
| HYDRO UNIT            |           | 1        | 2        | 3      |
|                       |           | HYDRO AP | HYDRO IM | RACINE |
|                       |           | 0        | 0        | 0      |
| ----- YEAR 2011 ----- |           |          |          |        |
| SEASONAL HYDRO ENERGY | RATIO     | 0.11     | 0.09     | 0.11   |
| ----- YEAR 2012 ----- |           |          |          |        |
| SEASONAL HYDRO ENERGY | RATIO     | 0.11     | 0.09     | 0.10   |
| ----- YEAR 2013 ----- |           |          |          |        |
| SEASONAL HYDRO ENERGY | RATIO     | 0.11     | 0.09     | 0.10   |
| ----- YEAR 2014 ----- |           |          |          |        |
| SEASONAL HYDRO ENERGY | RATIO     | 0.11     | 0.09     | 0.10   |
| ----- YEAR 2015 ----- |           |          |          |        |
| ----- YEAR 2016 ----- |           |          |          |        |
| ----- YEAR 2017 ----- |           |          |          |        |
| ----- YEAR 2018 ----- |           |          |          |        |
| ----- YEAR 2019 ----- |           |          |          |        |
| ----- YEAR 2020 ----- |           |          |          |        |
| ----- YEAR 2021 ----- |           |          |          |        |
| ----- YEAR 2022 ----- |           |          |          |        |
| ----- YEAR 2023 ----- |           |          |          |        |
| ----- YEAR 2024 ----- |           |          |          |        |
| ----- YEAR 2025 ----- |           |          |          |        |
| ----- YEAR 2026 ----- |           |          |          |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

```

===== SEASON 5      MAY =====
HYDRO UNIT              1      2      3
                        HYDRO AP  HYDRO IM  RACINE
                        0      0      0

----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 6      JUNE =====
HYDRO UNIT              1      2      3
                        HYDRO AP  HYDRO IM  RACINE
                        0      0      0

----- YEAR 2011 -----
SEASONAL HYDRO ENERGY      RATIO      0.07      0.08      0.10
----- YEAR 2012 -----
SEASONAL HYDRO ENERGY      RATIO      0.08      0.08      0.09
----- YEAR 2013 -----
SEASONAL HYDRO ENERGY      RATIO      0.07      0.08      0.09
----- YEAR 2014 -----
SEASONAL HYDRO ENERGY      RATIO      0.08      0.08      0.09
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----

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1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| ===== SEASON 7 JULY ===== |       | 1        | 2        | 3      |
|---------------------------|-------|----------|----------|--------|
| HYDRO UNIT                |       | HYDRO AP | HYDRO IM | RACINE |
|                           |       | 0        | 0        | 0      |
| ----- YEAR 2011 -----     |       |          |          |        |
| SEASONAL HYDRO ENERGY     | RATIO | 0.06     | 0.07     | 0.09   |
| ----- YEAR 2012 -----     |       |          |          |        |
| SEASONAL HYDRO ENERGY     | RATIO | 0.06     | 0.07     | 0.08   |
| ----- YEAR 2013 -----     |       |          |          |        |
| SEASONAL HYDRO ENERGY     | RATIO | 0.06     | 0.07     | 0.08   |
| ----- YEAR 2014 -----     |       |          |          |        |
| SEASONAL HYDRO ENERGY     | RATIO | 0.06     | 0.07     | 0.08   |
| ----- YEAR 2015 -----     |       |          |          |        |
| ----- YEAR 2016 -----     |       |          |          |        |
| ----- YEAR 2017 -----     |       |          |          |        |
| ----- YEAR 2018 -----     |       |          |          |        |
| ----- YEAR 2019 -----     |       |          |          |        |
| ----- YEAR 2020 -----     |       |          |          |        |
| ----- YEAR 2021 -----     |       |          |          |        |
| ----- YEAR 2022 -----     |       |          |          |        |
| ----- YEAR 2023 -----     |       |          |          |        |
| ----- YEAR 2024 -----     |       |          |          |        |
| ----- YEAR 2025 -----     |       |          |          |        |
| ----- YEAR 2026 -----     |       |          |          |        |
| ----- YEAR 2027 -----     |       |          |          |        |
| ----- YEAR 2028 -----     |       |          |          |        |
| ----- YEAR 2029 -----     |       |          |          |        |
| ----- YEAR 2030 -----     |       |          |          |        |
| ----- YEAR 2031 -----     |       |          |          |        |
| ----- YEAR 2032 -----     |       |          |          |        |
| ----- YEAR 2033 -----     |       |          |          |        |
| ----- YEAR 2034 -----     |       |          |          |        |
| ----- YEAR 2035 -----     |       |          |          |        |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

| ===== SEASON 7 JULY ===== |  | 1        | 2        | 3      |
|---------------------------|--|----------|----------|--------|
| HYDRO UNIT                |  | HYDRO AP | HYDRO IM | RACINE |
|                           |  | 0        | 0        | 0      |
| ----- YEAR 2036 -----     |  |          |          |        |
| ----- YEAR 2037 -----     |  |          |          |        |
| ----- YEAR 2038 -----     |  |          |          |        |

1 A Input Summary.txt

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----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 8 AUGUST =====
HYDRO UNIT                                1      2      3
                                         HYDRO AP HYDRO IM RACINE
                                         0      0      0

----- YEAR 2011 -----
SEASONAL HYDRO ENERGY                    RATIO      0.05      0.06      0.05
----- YEAR 2012 -----
SEASONAL HYDRO ENERGY                    RATIO      0.05      0.06      0.07
----- YEAR 2013 -----
SEASONAL HYDRO ENERGY                    RATIO      0.05      0.06      0.07
----- YEAR 2014 -----
SEASONAL HYDRO ENERGY                    RATIO      0.05      0.06      0.07
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 9 SEPTEMBER =====
HYDRO UNIT                                1      2      3
                                         HYDRO AP HYDRO IM RACINE
                                         0      0      0

----- YEAR 2011 -----
SEASONAL HYDRO ENERGY                    RATIO      0.05      0.06      0.05
----- YEAR 2012 -----
SEASONAL HYDRO ENERGY                    RATIO      0.04      0.06      0.07
----- YEAR 2013 -----
SEASONAL HYDRO ENERGY                    RATIO      0.04      0.06      0.07
----- YEAR 2014 -----
SEASONAL HYDRO ENERGY                    RATIO      0.05      0.06      0.07
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----

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----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                               |          |          |        |  |
|-------------------------------|----------|----------|--------|--|
| ===== SEASON 10 OCTOBER ===== |          |          |        |  |
| HYDRO UNIT                    | 1        | 2        | 3      |  |
|                               | HYDRO AP | HYDRO IM | RACINE |  |
|                               | 0        | 0        | 0      |  |

|                       |       |      |      |      |
|-----------------------|-------|------|------|------|
| ----- YEAR 2011 ----- |       |      |      |      |
| SEASONAL HYDRO ENERGY | RATIO | 0.06 | 0.07 | 0.08 |

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

|                               |          |          |        |  |
|-------------------------------|----------|----------|--------|--|
| ===== SEASON 10 OCTOBER ===== |          |          |        |  |
| HYDRO UNIT                    | 1        | 2        | 3      |  |
|                               | HYDRO AP | HYDRO IM | RACINE |  |
|                               | 0        | 0        | 0      |  |

|                       |       |      |      |      |
|-----------------------|-------|------|------|------|
| ----- YEAR 2012 ----- |       |      |      |      |
| SEASONAL HYDRO ENERGY | RATIO | 0.06 | 0.06 | 0.08 |
| ----- YEAR 2013 ----- |       |      |      |      |
| SEASONAL HYDRO ENERGY | RATIO | 0.06 | 0.07 | 0.08 |
| ----- YEAR 2014 ----- |       |      |      |      |
| SEASONAL HYDRO ENERGY | RATIO | 0.06 | 0.07 | 0.08 |
| ----- YEAR 2015 ----- |       |      |      |      |
| ----- YEAR 2016 ----- |       |      |      |      |
| ----- YEAR 2017 ----- |       |      |      |      |
| ----- YEAR 2018 ----- |       |      |      |      |
| ----- YEAR 2019 ----- |       |      |      |      |
| ----- YEAR 2020 ----- |       |      |      |      |
| ----- YEAR 2021 ----- |       |      |      |      |
| ----- YEAR 2022 ----- |       |      |      |      |
| ----- YEAR 2023 ----- |       |      |      |      |
| ----- YEAR 2024 ----- |       |      |      |      |

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----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 11 NOVEMBER =====
HYDRO UNIT                               1

```

|          |          |        |
|----------|----------|--------|
| 1        | 2        | 3      |
| HYDRO AP | HYDRO IM | RACINE |
| 0        | 0        | 0      |

|          |                 |       |      |      |      |
|----------|-----------------|-------|------|------|------|
| -----    | YEAR 2011 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.07 | 0.08 | 0.10 |
| -----    | YEAR 2012 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.07 | 0.08 | 0.09 |
| -----    | YEAR 2013 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.07 | 0.08 | 0.09 |
| -----    | YEAR 2014 ----- |       |      |      |      |
| SEASONAL | HYDRO ENERGY    | RATIO | 0.07 | 0.08 | 0.09 |
| -----    | YEAR 2015 ----- |       |      |      |      |
| -----    | YEAR 2016 ----- |       |      |      |      |
| -----    | YEAR 2017 ----- |       |      |      |      |
| -----    | YEAR 2018 ----- |       |      |      |      |
| -----    | YEAR 2019 ----- |       |      |      |      |
| -----    | YEAR 2020 ----- |       |      |      |      |
| -----    | YEAR 2021 ----- |       |      |      |      |
| -----    | YEAR 2022 ----- |       |      |      |      |
| -----    | YEAR 2023 ----- |       |      |      |      |
| -----    | YEAR 2024 ----- |       |      |      |      |
| -----    | YEAR 2025 ----- |       |      |      |      |
| -----    | YEAR 2026 ----- |       |      |      |      |
| -----    | YEAR 2027 ----- |       |      |      |      |
| -----    | YEAR 2028 ----- |       |      |      |      |
| -----    | YEAR 2029 ----- |       |      |      |      |
| -----    | YEAR 2030 ----- |       |      |      |      |
| -----    | YEAR 2031 ----- |       |      |      |      |
| -----    | YEAR 2032 ----- |       |      |      |      |
| -----    | YEAR 2033 ----- |       |      |      |      |
| -----    | YEAR 2034 ----- |       |      |      |      |
| -----    | YEAR 2035 ----- |       |      |      |      |
| -----    | YEAR 2036 ----- |       |      |      |      |
| -----    | YEAR 2037 ----- |       |      |      |      |
| -----    | YEAR 2038 ----- |       |      |      |      |

```

----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====
HYDRO UNIT                                1      2      3
                                         HYDRO AP  HYDRO IM  RACINE
                                         0        0        0

----- YEAR 2011 -----
SEASONAL HYDRO ENERGY      RATIO      0.08      0.10      0.09
----- YEAR 2012 -----
SEASONAL HYDRO ENERGY      RATIO      0.08      0.10      0.09
----- YEAR 2013 -----
SEASONAL HYDRO ENERGY      RATIO      0.08      0.10      0.09
----- YEAR 2014 -----
SEASONAL HYDRO ENERGY      RATIO      0.09      0.10      0.09
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
# 02/12/13 08:26:59 V04.0 R03.0

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

```

===== SEASON 12 DECEMBER =====
HYDRO UNIT                                1      2      3
                                         HYDRO AP  HYDRO IM  RACINE
                                         0        0        0

----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

1 A Input Summary.txt



NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
‡ 02/12/13 08:26:59 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

| INTERCHANGE SYSTEM           | 1        | 2    | 3    | 4       | 5       | 6       | 7 |
|------------------------------|----------|------|------|---------|---------|---------|---|
| OPCO+CSP                     | I&M      | APCO | KPCO | WD_MKTP | WN_MKTP | WE_MKTP |   |
| AIR BASIN POINTER            |          |      |      |         |         |         |   |
| COMPANY REFERENCE            | 1        | 1    | 1    | 1       | 1       | 1       | 1 |
| ESCALATION RUNNING RATE PEAK | OPCO+CSP | I&M  | APCO | KPCO    |         |         |   |

| INTERCHANGE SYSTEM           | 8       | 9       | 10 |
|------------------------------|---------|---------|----|
| WD_MKTS                      | WN_MKTS | WE_MKTS |    |
| AIR BASIN POINTER            |         |         |    |
| COMPANY REFERENCE            | 1       | 1       | 1  |
| ESCALATION RUNNING RATE PEAK |         |         |    |

‡ 02/12/13 08:26:59 V04.0 R03.0

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

| TRANSMISSION LINK                | 1        | 2        | 3        | 4        | 5        | 6        | 7       |
|----------------------------------|----------|----------|----------|----------|----------|----------|---------|
| ESCALATION FIRST CONNECT CHARGES |          |          |          |          |          |          |         |
| ESCALATION SECOND CONNECT CHARGE |          |          |          |          |          |          |         |
| FIRST SYSTEM REFERENCE           | WD_MKTP  | WN_MKTP  | WE_MKTP  | WD_MKTS  | WN_MKTS  | WE_MKTS  | WD_MKTP |
| SECOND SYSTEM REFERENCE          | OPCO+CSP | OPCO+CSP | OPCO+CSP | OPCO+CSP | OPCO+CSP | OPCO+CSP | I&M     |
| THIRD PARTY METHOD               | 1        | 1        | 1        | 1        | 1        | 1        | 1       |
| TRANSMISSION LINK                | 8        | 9        | 10       | 11       | 12       | 13       | 14      |
| ESCALATION FIRST CONNECT CHARGES |          |          |          |          |          |          |         |
| ESCALATION SECOND CONNECT CHARGE |          |          |          |          |          |          |         |
| FIRST SYSTEM REFERENCE           | WD_MKTP  | WE_MKTP  | WD_MKTS  | WN_MKTS  | WE_MKTS  | WD_MKTP  | WN_MKTP |
| SECOND SYSTEM REFERENCE          | I&M      | I&M      | I&M      | I&M      | I&M      | APCO     | APCO    |
| THIRD PARTY METHOD               | 1        | 1        | 1        | 1        | 1        | 1        | 1       |
| TRANSMISSION LINK                | 15       | 16       | 17       | 18       | 19       | 20       | 21      |
| ESCALATION FIRST CONNECT CHARGES |          |          |          |          |          |          |         |
| ESCALATION SECOND CONNECT CHARGE |          |          |          |          |          |          |         |
| FIRST SYSTEM REFERENCE           | WE_MKTP  | WD_MKTS  | WN_MKTS  | WE_MKTS  | WD_MKTP  | WN_MKTP  | WE_MKTP |
| SECOND SYSTEM REFERENCE          | APCO     | APCO     | APCO     | APCO     | KPCO     | KPCO     | KPCO    |
| THIRD PARTY METHOD               | 1        | 1        | 1        | 1        | 1        | 1        | 1       |
| TRANSMISSION LINK                | 22       | 23       | 24       |          |          |          |         |
| ESCALATION FIRST CONNECT CHARGES |          |          |          |          |          |          |         |
| ESCALATION SECOND CONNECT CHARGE |          |          |          |          |          |          |         |
| FIRST SYSTEM REFERENCE           | WD_MKTS  | WN_MKTS  | WE_MKTS  |          |          |          |         |
| SECOND SYSTEM REFERENCE          | KPCO     | KPCO     | KPCO     |          |          |          |         |
| THIRD PARTY METHOD               | 1        | 1        | 1        |          |          |          |         |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

| INTERCHANGE SYSTEM             | 1      | 2      | 3      | 4       | 5       | 6       | 7      |
|--------------------------------|--------|--------|--------|---------|---------|---------|--------|
| OPCO+CSP                       | I&M    | APCO   | KPCO   | WD_MKTP | WN_MKTP | WE_MKTP |        |
| ----- YEAR 2011 -----          |        |        |        |         |         |         |        |
| ANNUAL RUNNING RATE PEAK VALUE | 0.00   | 0.00   | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   |
| EXTERNAL SYSTEM DATA GROUP     | 0      | 0      | 0      | 0       | 0       | 0       | 0      |
| INTERCHANGE PARTICIPATION      | 100.00 | 100.00 | 100.00 | 100.00  | 100.00  | 100.00  | 100.00 |
| RUNNING RATE CURVE POINTER     | 0      | 0      | 0      | 0       | 11      | 11      | 11     |
| SEASONAL RUNNING RATE PROFILE  | 0      | 0      | 0      | 0       | 0       | 0       | 0      |

1 A Input Summary.txt

|                                       |         |         |         |      |      |      |      |      |
|---------------------------------------|---------|---------|---------|------|------|------|------|------|
| ----- YEAR 2012 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 12   | 12   | 12   |      |
| ----- YEAR 2013 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 13   | 13   | 13   |      |
| ----- YEAR 2014 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 14   | 14   | 14   |      |
| ----- YEAR 2015 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 15   | 15   | 15   |      |
| ----- YEAR 2016 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 16   | 16   | 16   |      |
| ----- YEAR 2017 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 17   | 17   | 17   |      |
| ----- YEAR 2018 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 18   | 18   | 18   |      |
| ----- YEAR 2019 -----                 |         |         |         |      |      |      |      |      |
| ANNUAL RUNNING RATE PEAK VALUE \$/MWH | 0.00    | 1.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 19   | 19   | 19   |      |
| ----- YEAR 2020 -----                 |         |         |         |      |      |      |      |      |
| ANNUAL RUNNING RATE PEAK VALUE \$/MWH | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 20   | 20   | 20   |      |
| ----- YEAR 2021 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 21   | 21   | 21   |      |
| ----- YEAR 2022 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 22   | 22   | 22   |      |
| ----- YEAR 2023 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 23   | 23   | 23   |      |
| ----- YEAR 2024 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 24   | 24   | 24   |      |
| ----- YEAR 2025 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 25   | 25   | 25   |      |
| ----- YEAR 2026 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 26   | 26   | 26   |      |
| ----- YEAR 2027 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 27   | 27   | 27   |      |
| ----- YEAR 2028 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 28   | 28   | 28   |      |
| ----- YEAR 2029 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 29   | 29   | 29   |      |
| ----- YEAR 2030 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 30   | 30   | 30   |      |
| ----- YEAR 2031 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 31   | 31   | 31   |      |
| ----- YEAR 2032 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 32   | 32   | 32   |      |
| ----- YEAR 2033 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 33   | 33   | 33   |      |
| ----- YEAR 2034 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 34   | 34   | 34   |      |
| ----- YEAR 2035 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 35   | 35   | 35   |      |
| ----- YEAR 2036 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 36   | 36   | 36   |      |
| ----- YEAR 2037 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 37   | 37   | 37   |      |
| ----- YEAR 2038 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 38   | 38   | 38   |      |
| ----- YEAR 2039 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 39   | 39   | 39   |      |
| ----- YEAR 2040 -----                 |         |         |         |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 0       | 0       | 0       | 0    | 40   | 40   | 40   |      |
| INTERCHANGE SYSTEM                    | 8       | 9       | 10      |      |      |      |      |      |
|                                       | WD_MKTS | WN_MKTS | WE_MKTS |      |      |      |      |      |
| ----- YEAR 2011 -----                 |         |         |         |      |      |      |      |      |
| ANNUAL RUNNING RATE PEAK VALUE \$/MWH | 0.00    | 0.00    | 0.00    |      |      |      |      |      |
| EXTERNAL SYSTEM DATA GROUP POINTER    | 0       | 0       | 0       |      |      |      |      |      |
| INTERCHANGE PARTICIPATION %           | 100.00  | 100.00  | 100.00  |      |      |      |      |      |
| RUNNING RATE CURVE POINTER            | 41      | 41      | 41      |      |      |      |      |      |
| SEASONAL RUNNING RATE PROFILE         | 0       | 0       | 0       |      |      |      |      |      |

1 A Input Summary.txt

|                                                     |    |    |    |
|-----------------------------------------------------|----|----|----|
| ----- YEAR 2012 -----<br>RUNNING RATE CURVE POINTER | 42 | 42 | 42 |
| ----- YEAR 2013 -----<br>RUNNING RATE CURVE POINTER | 43 | 43 | 43 |
| ----- YEAR 2014 -----<br>RUNNING RATE CURVE POINTER | 44 | 44 | 44 |
| ----- YEAR 2015 -----<br>RUNNING RATE CURVE POINTER | 45 | 45 | 45 |
| ----- YEAR 2016 -----<br>RUNNING RATE CURVE POINTER | 46 | 46 | 46 |
| ----- YEAR 2017 -----<br>RUNNING RATE CURVE POINTER | 47 | 47 | 47 |
| ----- YEAR 2018 -----<br>RUNNING RATE CURVE POINTER | 48 | 48 | 48 |
| ----- YEAR 2019 -----<br>RUNNING RATE CURVE POINTER | 49 | 49 | 49 |
| ----- YEAR 2020 -----<br>RUNNING RATE CURVE POINTER | 50 | 50 | 50 |
| ----- YEAR 2021 -----<br>RUNNING RATE CURVE POINTER | 51 | 51 | 51 |
| ----- YEAR 2022 -----<br>RUNNING RATE CURVE POINTER | 52 | 52 | 52 |
| ----- YEAR 2023 -----<br>RUNNING RATE CURVE POINTER | 53 | 53 | 53 |
| ----- YEAR 2024 -----<br>RUNNING RATE CURVE POINTER | 54 | 54 | 54 |
| ----- YEAR 2025 -----<br>RUNNING RATE CURVE POINTER | 55 | 55 | 55 |
| ----- YEAR 2026 -----<br>RUNNING RATE CURVE POINTER | 56 | 56 | 56 |
| ----- YEAR 2027 -----<br>RUNNING RATE CURVE POINTER | 57 | 57 | 57 |
| ----- YEAR 2028 -----<br>RUNNING RATE CURVE POINTER | 58 | 58 | 58 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

| INTERCHANGE SYSTEM                                  | 8<br>WD_MKTS | 9<br>WN_MKTS | 10<br>WE_MKTS |
|-----------------------------------------------------|--------------|--------------|---------------|
| ----- YEAR 2029 -----<br>RUNNING RATE CURVE POINTER | 59           | 59           | 59            |
| ----- YEAR 2030 -----<br>RUNNING RATE CURVE POINTER | 60           | 60           | 60            |
| ----- YEAR 2031 -----<br>RUNNING RATE CURVE POINTER | 61           | 61           | 61            |
| ----- YEAR 2032 -----<br>RUNNING RATE CURVE POINTER | 62           | 62           | 62            |
| ----- YEAR 2033 -----<br>RUNNING RATE CURVE POINTER | 63           | 63           | 63            |
| ----- YEAR 2034 -----<br>RUNNING RATE CURVE POINTER | 64           | 64           | 64            |
| ----- YEAR 2035 -----<br>RUNNING RATE CURVE POINTER | 65           | 65           | 65            |
| ----- YEAR 2036 -----<br>RUNNING RATE CURVE POINTER | 66           | 66           | 66            |
| ----- YEAR 2037 -----<br>RUNNING RATE CURVE POINTER | 67           | 67           | 67            |
| ----- YEAR 2038 -----<br>RUNNING RATE CURVE POINTER | 68           | 68           | 68            |

1 A Input Summary.txt

----- YEAR 2039 -----  
RUNNING RATE CURVE POINTER  
----- YEAR 2040 -----  
RUNNING RATE CURVE POINTER

|    |    |    |
|----|----|----|
| 69 | 69 | 69 |
| 70 | 70 | 70 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

| INTERCHANGE SYSTEM            | 1<br>OPCO+CSP | 2<br>I&M | 3<br>APCO | 4<br>KPCO | 5<br>WD_MKTP | 6<br>WN_MKTP | 7<br>WE_MKTP |
|-------------------------------|---------------|----------|-----------|-----------|--------------|--------------|--------------|
| EFFLUENT                      |               |          |           |           |              |              |              |
| 1 SO2 (E)<br>EFFLUENT POINTER | 0             | 0        | 0         | 0         | 0            | 0            | 0            |
| 2 CO2 (S)<br>EFFLUENT POINTER | 0             | 0        | 0         | 0         | 0            | 0            | 0            |
| 3 CO2 (G)<br>EFFLUENT POINTER | 0             | 0        | 0         | 0         | 0            | 0            | 0            |
| 4 NOX (B)<br>EFFLUENT POINTER | 0             | 0        | 0         | 0         | 0            | 0            | 0            |
| 5 NSR SO2<br>EFFLUENT POINTER | 0             | 0        | 0         | 0         | 0            | 0            | 0            |
| 6 HG (E)<br>EFFLUENT POINTER  | 0             | 0        | 0         | 0         | 0            | 0            | 0            |

| INTERCHANGE SYSTEM            | 8<br>WD_MKTS | 9<br>WN_MKTS | 10<br>WE_MKTS |
|-------------------------------|--------------|--------------|---------------|
| EFFLUENT                      |              |              |               |
| 1 SO2 (E)<br>EFFLUENT POINTER | 0            | 0            | 0             |
| 2 CO2 (S)<br>EFFLUENT POINTER | 0            | 0            | 0             |
| 3 CO2 (G)<br>EFFLUENT POINTER | 0            | 0            | 0             |
| 4 NOX (B)<br>EFFLUENT POINTER | 0            | 0            | 0             |
| 5 NSR SO2<br>EFFLUENT POINTER | 0            | 0            | 0             |
| 6 HG (E)<br>EFFLUENT POINTER  | 0            | 0            | 0             |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

| TRANSMISSION LINK         |          | 1 A Input Summary.txt |        |        |        |        |        |        |
|---------------------------|----------|-----------------------|--------|--------|--------|--------|--------|--------|
|                           |          | 1                     | 2      | 3      | 4      | 5      | 6      | 7      |
| ----- YEAR 2011 -----     |          |                       |        |        |        |        |        |        |
| FIRST CONNECTION CHARGES  | \$/MWH   | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| FIRST CONNECTION PROFILE  |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| FIRST LOSS POINTER        | POINTER  | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| FIRST SYSTEM FIRM IMPORT  | %        | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| FIRST TIE AVAILABILITY    | %        | 100.00                | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| FIRST TIE LIMIT POINTER   | POINTER  | 1                     | 1      | 1      | 2      | 2      | 2      | 1      |
| FIRST TRANSFER POINT      | FRACTION | 0.50                  | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   |
| FIRST TRANSFER PROFILE    |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND CONNECTION CHARGES | \$/MWH   | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND CONNECTION PROFILE |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND LOSS POINTER       | POINTER  | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND SYSTEM FIRM IMPORT | %        | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND TIE AVAILABILITY   | %        | 100.00                | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| SECOND TIE LIMIT POINTER  | POINTER  | 2                     | 2      | 2      | 1      | 1      | 1      | 2      |
| SECOND TRANSFER POINT     | FRACTION | 0.50                  | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   |
| SECOND TRANSFER PROFILE   |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| ----- YEAR 2012 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2013 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2014 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2015 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2016 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2017 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2018 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2019 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2020 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2021 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2022 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2023 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2024 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2025 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2026 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2027 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2028 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2029 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2030 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2031 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2032 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2033 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2034 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2035 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2036 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2037 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2038 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2039 -----     |          |                       |        |        |        |        |        |        |
| ----- YEAR 2040 -----     |          |                       |        |        |        |        |        |        |
| TRANSMISSION LINK         |          | 8                     | 9      | 10     | 11     | 12     | 13     | 14     |
| ----- YEAR 2011 -----     |          |                       |        |        |        |        |        |        |
| FIRST CONNECTION CHARGES  | \$/MWH   | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| FIRST CONNECTION PROFILE  |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| FIRST LOSS POINTER        | POINTER  | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| FIRST SYSTEM FIRM IMPORT  | %        | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| FIRST TIE AVAILABILITY    | %        | 100.00                | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| FIRST TIE LIMIT POINTER   | POINTER  | 1                     | 1      | 2      | 2      | 2      | 1      | 1      |
| FIRST TRANSFER POINT      | FRACTION | 0.50                  | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   |
| FIRST TRANSFER PROFILE    |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND CONNECTION CHARGES | \$/MWH   | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND CONNECTION PROFILE |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND LOSS POINTER       | POINTER  | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND SYSTEM FIRM IMPORT | %        | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND TIE AVAILABILITY   | %        | 100.00                | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| SECOND TIE LIMIT POINTER  | POINTER  | 2                     | 2      | 1      | 1      | 1      | 2      | 2      |
| SECOND TRANSFER POINT     | FRACTION | 0.50                  | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   |
| SECOND TRANSFER PROFILE   |          | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| TRANSMISSION LINK               | 15   | 16   | 17   | 18   | 19   | 20   | 21   |
|---------------------------------|------|------|------|------|------|------|------|
| ----- YEAR 2011 -----           |      |      |      |      |      |      |      |
| FIRST CONNECTION CHARGES \$/MWH | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

| TRANSMISSION LINK         |          | 15     | 16     | 17     | 18     | 19     | 20     | 21     |
|---------------------------|----------|--------|--------|--------|--------|--------|--------|--------|
| ----- YEAR 2011 -----     |          |        |        |        |        |        |        |        |
| FIRST CONNECTION PROFILE  |          | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| FIRST LOSS POINTER        | POINTER  | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| FIRST SYSTEM FIRM IMPORT  | %        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| FIRST TIE AVAILABILITY    | %        | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| FIRST TIE LIMIT POINTER   | POINTER  | 1      | 2      | 2      | 2      | 1      | 1      | 1      |
| FIRST TRANSFER POINT      | FRACTION | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   |
| FIRST TRANSFER PROFILE    |          | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND CONNECTION CHARGES | \$/MWH   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND CONNECTION PROFILE |          | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND LOSS POINTER       | POINTER  | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| SECOND SYSTEM FIRM IMPORT | %        | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND TIE AVAILABILITY   | %        | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| SECOND TIE LIMIT POINTER  | POINTER  | 2      | 1      | 1      | 1      | 2      | 2      | 2      |
| SECOND TRANSFER POINT     | FRACTION | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   |
| SECOND TRANSFER PROFILE   |          | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ----- YEAR 2012 -----     |          |        |        |        |        |        |        |        |
| ----- YEAR 2013 -----     |          |        |        |        |        |        |        |        |

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| TRANSMISSION LINK         |          | 22     | 23     | 24     | 120    |
|---------------------------|----------|--------|--------|--------|--------|
| ----- YEAR 2011 -----     |          |        |        |        |        |
| FIRST CONNECTION CHARGES  | \$/MWH   | 0.00   | 0.00   | 0.00   | 0.00   |
| FIRST CONNECTION PROFILE  |          | 0      | 0      | 0      | 0      |
| FIRST LOSS POINTER        | POINTER  | 0      | 0      | 0      | 0      |
| FIRST SYSTEM FIRM IMPORT  | %        | 0.00   | 0.00   | 0.00   | 0.00   |
| FIRST TIE AVAILABILITY    | %        | 100.00 | 100.00 | 100.00 | 100.00 |
| FIRST TIE LIMIT POINTER   | POINTER  | 2      | 2      | 2      | 0      |
| FIRST TRANSFER POINT      | FRACTION | 0.50   | 0.50   | 0.50   | 0.50   |
| FIRST TRANSFER PROFILE    |          | 0      | 0      | 0      | 0      |
| SECOND CONNECTION CHARGES | \$/MWH   | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND CONNECTION PROFILE |          | 0      | 0      | 0      | 0      |
| SECOND LOSS POINTER       | POINTER  | 0      | 0      | 0      | 0      |
| SECOND SYSTEM FIRM IMPORT | %        | 0.00   | 0.00   | 0.00   | 0.00   |
| SECOND TIE AVAILABILITY   | %        | 100.00 | 100.00 | 100.00 | 100.00 |
| SECOND TIE LIMIT POINTER  | POINTER  | 1      | 1      | 1      | 0      |
| SECOND TRANSFER POINT     | FRACTION | 0.50   | 0.50   | 0.50   | 0.50   |
| SECOND TRANSFER PROFILE   |          | 0      | 0      | 0      | 0      |
| ----- YEAR 2012 -----     |          |        |        |        |        |
| SECOND TIE LIMIT POINTER  | POINTER  | 1      | 1      | 1      | 300    |
| ----- YEAR 2013 -----     |          |        |        |        |        |
| ----- YEAR 2014 -----     |          |        |        |        |        |
| ----- YEAR 2015 -----     |          |        |        |        |        |
| SECOND TIE LIMIT POINTER  | POINTER  | 1      | 1      | 1      | 298    |
| ----- YEAR 2016 -----     |          |        |        |        |        |
| SECOND TIE LIMIT POINTER  | POINTER  | 1      | 1      | 1      | 290    |
| ----- YEAR 2017 -----     |          |        |        |        |        |
| SECOND TIE LIMIT POINTER  | POINTER  | 1      | 1      | 1      | 300    |
| ----- YEAR 2018 -----     |          |        |        |        |        |
| ----- YEAR 2019 -----     |          |        |        |        |        |
| SECOND TIE LIMIT POINTER  | POINTER  | 1      | 1      | 1      | 266    |
| ----- YEAR 2020 -----     |          |        |        |        |        |
| SECOND TIE LIMIT POINTER  | POINTER  | 1      | 1      | 1      | 300    |



1 A Input Summary.txt

| YEAR | SECON TIE LIMIT POINTER | 1 | 2 | 3 | 4 |
|------|-------------------------|---|---|---|---|
| 2021 |                         |   |   |   |   |
| 2022 | 258                     |   |   |   |   |
| 2023 | 242                     |   |   |   |   |
| 2024 | 300                     |   |   |   |   |
| 2025 | 210                     |   |   |   |   |
| 2026 | 202                     |   |   |   |   |
| 2027 | 258                     |   |   |   |   |
| 2028 | 170                     |   |   |   |   |
| 2029 | 258                     |   |   |   |   |
| 2030 | 0                       |   |   |   |   |
| 2031 |                         |   |   |   |   |
| 2032 |                         |   |   |   |   |
| 2033 |                         |   |   |   |   |
| 2034 |                         |   |   |   |   |
| 2035 |                         |   |   |   |   |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.INTERCHANGE.

| TRANSMISSION LINK | 22 | 23 | 24 | 120 |
|-------------------|----|----|----|-----|
| 2036              |    |    |    |     |
| 2037              |    |    |    |     |
| 2038              |    |    |    |     |
| 2039              |    |    |    |     |
| 2040              |    |    |    |     |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

TRANSMISSION LIMIT PROFILE

|                              |    | 1        | 2         |
|------------------------------|----|----------|-----------|
|                              |    | 0 MW_TIE | UNLIMIT   |
| ---- SEASON 1 JANUARY ----   |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 2 FEBRUARY ----  |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 3 MARCH ----     |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 4 APRIL ----     |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 5 MAY ----       |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 6 JUNE ----      |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 7 JULY ----      |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 8 AUGUST ----    |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 9 SEPTEMBER ---- |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 10 OCTOBER ----  |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 11 NOVEMBER ---- |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |
| ---- SEASON 12 DECEMBER ---- |    |          |           |
| TIE LIMIT                    | MW | 0.00     | 999999.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT

|                              |         | 1        |
|------------------------------|---------|----------|
|                              |         | SMITH MT |
|                              |         | 0        |
| AIR BASIN POINTER            |         | 1        |
| COMMISSION MONTH             | MONTH   | 1        |
| COMMISSION YEAR              | YEAR    | 2011     |
| COMMITMENT CONTRIBUTION      |         | N        |
| ESCALATION ANCILLARY REVENUE |         |          |
| ESCALATION CAPACITY REVENUE  |         |          |
| ESCALATION FIXED COSTS       |         |          |
| ESCALATION MINIMUM SAVING    |         |          |
| ESCALATION VARIABLE COSTS    |         |          |
| FUEL TYPE                    | FUEL ID | 0        |
| RETIREMENT MONTH             | MONTH   | 12       |
| RETIREMENT YEAR              | YEAR    | 2045     |
| SOURCE INDEX NUMBER          |         | 0        |
| SPINNING CONTRIBUTION        | %       | 100.00   |
| SYSTEM AGGREGATE POINTER     |         | 0        |
| UNIT DISPATCH METHOD         |         | 1        |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

| PUMPED STORAGE UNIT           |          | 1        |
|-------------------------------|----------|----------|
|                               |          | SMITH MT |
|                               |          | 0        |
| ----- YEAR 2011 -----         |          |          |
| ANCILLARY REVENUE RATE        | \$/MWH   | 0.00     |
| CAPACITY REVENUE PROFILE      |          | 0        |
| CAPACITY REVENUE RATE         | \$/KW    | 0.00     |
| CYCLE EFFICIENCY              | %        | 70.00    |
| ENERGY MARGIN CAPACITY FACTOR | FRACTION | 0.00     |
| FIXED COSTS                   | \$000    | 0.00     |
| GENERATION CAP POINTER        |          | 0        |
| GENERATION CAPACITY           | MW       | 586.00   |
| HEAT RATE                     | MBTU/MWH | 0.00     |
| MINIMUM SAVINGS               | \$/MWH   | -8.30    |
| PERCENT FIRM                  | %        | 100.00   |
| POND LIMIT                    | MWH      | 5900.00  |
| PUMPING CAP POINTER           |          | 0        |
| PUMPING CAPACITY              | MW       | 300.00   |
| RENEWABLE ENERGY CREDIT       | RATIO    | 0.00     |
| VARIABLE O AND M COSTS        | \$/MWH   | 0.00     |
| ----- YEAR 2012 -----         |          |          |
| MINIMUM SAVINGS               | \$/MWH   | -8.80    |
| ----- YEAR 2013 -----         |          |          |
| MINIMUM SAVINGS               | \$/MWH   | -8.70    |
| ----- YEAR 2014 -----         |          |          |
| MINIMUM SAVINGS               | \$/MWH   | -9.00    |
| ----- YEAR 2015 -----         |          |          |
| ----- YEAR 2016 -----         |          |          |
| ----- YEAR 2017 -----         |          |          |
| ----- YEAR 2018 -----         |          |          |
| ----- YEAR 2019 -----         |          |          |
| ----- YEAR 2020 -----         |          |          |
| ----- YEAR 2021 -----         |          |          |
| ----- YEAR 2022 -----         |          |          |
| ----- YEAR 2023 -----         |          |          |
| ----- YEAR 2024 -----         |          |          |
| ----- YEAR 2025 -----         |          |          |
| ----- YEAR 2026 -----         |          |          |
| ----- YEAR 2027 -----         |          |          |
| ----- YEAR 2028 -----         |          |          |
| ----- YEAR 2029 -----         |          |          |
| ----- YEAR 2030 -----         |          |          |
| ----- YEAR 2031 -----         |          |          |
| ----- YEAR 2032 -----         |          |          |
| ----- YEAR 2033 -----         |          |          |
| ----- YEAR 2034 -----         |          |          |
| ----- YEAR 2035 -----         |          |          |
| ----- YEAR 2036 -----         |          |          |
| ----- YEAR 2037 -----         |          |          |
| ----- YEAR 2038 -----         |          |          |
| ----- YEAR 2039 -----         |          |          |
| ----- YEAR 2040 -----         |          |          |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

|                     |   |
|---------------------|---|
| PUMPED STORAGE UNIT | 1 |
| SMITH MT            | 0 |
| EFFLUENT            |   |
| 1 SO2 (E)           |   |
| EFFLUENT POINTER    | 0 |
| 2 CO2 (S)           |   |
| EFFLUENT POINTER    | 0 |
| 3 CO2 (G)           |   |
| EFFLUENT POINTER    | 0 |

1 A Input Summary.txt

4 NOX (B)  
 EFFLUENT POINTER 0  
 5 NSR SO2  
 EFFLUENT POINTER 0  
 6 HG (E)  
 EFFLUENT POINTER 0  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT

1  
 SMITH MT  
 0

---- SEASON 1 JANUARY ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 2 FEBRUARY ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 3 MARCH ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 4 APRIL ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 5 MAY ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 6 JUNE ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 7 JULY ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 8 AUGUST ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 9 SEPTEMBER ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 10 OCTOBER ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 11 NOVEMBER ----  
 WEEKLY POND CYCLES 1.00  
 ---- SEASON 12 DECEMBER ----  
 WEEKLY POND CYCLES 1.00  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

GENERATING COMPANIES  
 PUMPED STORAGE UNIT

1 OPCO+CSP  
 1  
 SMITH MT  
 0

----- YEAR 2011 -----  
 OWNERSHIP RATIO RATIO 0.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----

1 A Input Summary.txt

----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

GENERATING COMPANIES  
 PUMPED STORAGE UNIT

2 I&M

1  
 SMITH MT  
 0

----- YEAR 2011 -----  
 OWNERSHIP RATIO  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

RATIO 0.00

```

----- YEAR 2040 -----
GENERATING COMPANIES          3 APCO          1
PUMPED STORAGE UNIT          SMITH MT
                                0

----- YEAR 2011 -----
OWNERSHIP RATIO              RATIO          1.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

```

GENERATING COMPANIES          3 APCO          1
PUMPED STORAGE UNIT          SMITH MT
                                0

----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

GENERATING COMPANIES          4 KPCO          1
PUMPED STORAGE UNIT          SMITH MT
                                0

----- YEAR 2011 -----
OWNERSHIP RATIO              RATIO          0.00

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----

```



----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
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----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
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----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

```

===== SEASON 1 JANUARY =====
PUMPED STORAGE UNIT                1
                                     SMITH MT
                                     0

----- YEAR 2011 -----
SEASONAL ENERGY                    MWH      -10600.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
PUMPED STORAGE UNIT                1
                                     SMITH MT
                                     0

----- YEAR 2011 -----
SEASONAL ENERGY                    MWH      -11800.00
----- YEAR 2012 -----
----- YEAR 2013 -----

```

1 A Input Summary.txt

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
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 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 3 MARCH =====  
 PUMPED STORAGE UNIT 1  
 SMITH MT  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MWH -16800.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:01 V04.0 R03.0

NewEnergy Associates  
 Strategist Page 248

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

===== SEASON 3 MARCH =====  
 PUMPED STORAGE UNIT 1

SMITH MT  
0

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====  
 PUMPED STORAGE UNIT  
 SMITH MT  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MWH -15600.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
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 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 5      MAY =====
PUMPED STORAGE UNIT          1
                              SMITH MT
                              0

----- YEAR 2011 -----
SEASONAL ENERGY             MWH      -10900.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

```

===== SEASON 5      MAY =====
PUMPED STORAGE UNIT          1
                              SMITH MT
                              0

----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 6      JUNE =====
PUMPED STORAGE UNIT          1
                              SMITH MT
                              0

----- YEAR 2011 -----
SEASONAL ENERGY             MWH      -6800.00

```

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2034 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 7 JULY =====  
 PUMPED STORAGE UNIT 1  
 SMITH MT  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MWH -4200.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
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 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 8 AUGUST =====  
 PUMPED STORAGE UNIT  
 SMITH MT  
 1  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MWH -4500.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

===== SEASON 8 AUGUST =====  
 PUMPED STORAGE UNIT  
 SMITH MT  
 1  
 0

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====  
 PUMPED STORAGE UNIT  
 SMITH MT  
 1  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MWH -5500.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 10 OCTOBER =====  
 PUMPED STORAGE UNIT  
 SMITH MT  
 1  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MWH -5700.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----



----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

===== SEASON 10 OCTOBER =====  
 PUMPED STORAGE UNIT  
 SMITH MT  
 1  
 0

----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
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 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 11 NOVEMBER =====  
 PUMPED STORAGE UNIT  
 SMITH MT  
 1  
 0

----- YEAR 2011 -----  
 SEASONAL ENERGY MWH -4600.00  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
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----- YEAR 2026 -----  
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 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

===== SEASON 12 DECEMBER =====  
 PUMPED STORAGE UNIT                      1  
                                          SMITH MT  
                                          0

|                       |     |          |
|-----------------------|-----|----------|
| ----- YEAR 2011 ----- |     |          |
| SEASONAL ENERGY       | MWH | -5400.00 |
| ----- YEAR 2012 ----- |     |          |
| ----- YEAR 2013 ----- |     |          |
| ----- YEAR 2014 ----- |     |          |
| ----- YEAR 2015 ----- |     |          |
| ----- YEAR 2016 ----- |     |          |
| ----- YEAR 2017 ----- |     |          |
| ----- YEAR 2018 ----- |     |          |
| ----- YEAR 2019 ----- |     |          |
| ----- YEAR 2020 ----- |     |          |
| ----- YEAR 2021 ----- |     |          |
| ----- YEAR 2022 ----- |     |          |
| ----- YEAR 2023 ----- |     |          |
| ----- YEAR 2024 ----- |     |          |
| ----- YEAR 2025 ----- |     |          |
| ----- YEAR 2026 ----- |     |          |
| ----- YEAR 2027 ----- |     |          |
| ----- YEAR 2028 ----- |     |          |
| ----- YEAR 2029 ----- |     |          |
| ----- YEAR 2030 ----- |     |          |
| ----- YEAR 2031 ----- |     |          |
| ----- YEAR 2032 ----- |     |          |
| ----- YEAR 2033 ----- |     |          |
| ----- YEAR 2034 ----- |     |          |
| ----- YEAR 2035 ----- |     |          |
| ----- YEAR 2036 ----- |     |          |
| ----- YEAR 2037 ----- |     |          |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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1 A Input Summary.txt  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

===== SEASON 12 DECEMBER =====  
PUMPED STORAGE UNIT  
SMITH MT  
0

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     | 1      | 2      | 3       | 4        | 5        | 6        | 7        |
|----------------------------------|--------|--------|---------|----------|----------|----------|----------|
|                                  | AMOS   | AMOS   | AMOS_OP | BECKJORD | BIG SAND | BIG SAND | CARD 1+2 |
|                                  | 1      | 2      | 3       | 6        | 1        | 2        | 1        |
| AIR BASIN POINTER                | 1      | 1      | 1       | 1        | 1        | 1        | 1        |
| BID PRICE ACCOUNTING FLAG        | 0      | 0      | 0       | 0        | 0        | 0        | 0        |
| BID PRICE OPTION                 | 0      | 0      | 0       | 0        | 0        | 0        | 0        |
| COMMISSION MONTH                 | 1      | 1      | 1       | 1        | 1        | 1        | 1        |
| COMMISSION YEAR                  | 2011   | 2011   | 2011    | 2011     | 2011     | 2011     | 2011     |
| DEFERRAL PRIORITY                | 0      | 0      | 0       | 0        | 0        | 0        | 0        |
| DISPATCH LAMEDA OPTION           | 0      | 0      | 0       | 0        | 0        | 0        | 0        |
| EFFICIENT HEAT RATE OPTION       | 0      | 0      | 0       | 0        | 0        | 0        | 0        |
| ESCALATION ANCILLARY REVENUE     |        |        |         |          |          |          |          |
| ESCALATION BID PRICE AT INCREMEN |        |        |         |          |          |          |          |
| ESCALATION BID PRICE AT MINIMUM  |        |        |         |          |          |          |          |
| ESCALATION CAPACITY REVENUE      |        |        |         |          |          |          |          |
| ESCALATION CAPITAL COSTS         |        |        |         |          |          |          |          |
| ESCALATION FIXED ANNUAL RATE     | FIX0&M | FIX0&M | FIX0&M  |          |          |          |          |

## 1 A Input Summary.txt

|                                |       |        |        |        |        |        |        |        |
|--------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| ESCALATION FIXED COSTS         |       | VARO&M | VARO&M | VARO&M | VARO&M | VARO&M | VARO&M | VARO&M |
| ESCALATION FIXED SEASONAL RATE |       | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| ESCALATION VARIABLE COSTS      |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| IMMATURE FORCED OUTAGE RATE    | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                  | YEAR  | 2011   | 2011   | 2011   | 2011   | 2011   | 2011   | 2011   |
| PURCHASE UNIT FLAG             |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT          | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT       | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                  |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH               | MONTH | 3      | 12     | 12     | 12     | 5      | 5      | 12     |
| RETIREMENT YEAR                | YEAR  | 2100   | 2100   | 2100   | 2014   | 2015   | 2017   | 2100   |
| SOURCE INDEX NUMBER            |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE              |       |        |        |        |        |        |        |        |

|                                  |       |          |        |          |          |          |          |          |
|----------------------------------|-------|----------|--------|----------|----------|----------|----------|----------|
| THERMAL UNIT                     |       | 8        | 9      | 10       | 11       | 12       | 13       | 14       |
|                                  |       | CARD 1+2 | CARD 3 | CLIFTY 1 | CLIFTY 2 | CLIFTY 3 | CLIFTY 4 | CLIFTY 5 |
|                                  |       | 2        | 3      | 1        | 2        | 3        | 4        | 5        |
| AIR BASIN POINTER                |       | 1        | 1      | 1        | 1        | 1        | 1        | 1        |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0      | 0        | 0        | 0        | 0        | 0        |
| BID PRICE OPTION                 |       | 0        | 0      | 0        | 0        | 0        | 0        | 0        |
| COMMISSION MONTH                 | MONTH | 1        | 1      | 1        | 1        | 1        | 1        | 1        |
| COMMISSION YEAR                  | YEAR  | 2011     | 2011   | 2100     | 2100     | 2100     | 2100     | 2100     |
| DEFERRAL PRIORITY                |       | 0        | 0      | 0        | 0        | 0        | 0        | 0        |
| DISPATCH LAMBDA OPTION           |       | 0        | 0      | 0        | 0        | 0        | 0        | 0        |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0      | 0        | 0        | 0        | 0        | 0        |
| ESCALATION ANCILLARY REVENUE     |       |          |        |          |          |          |          |          |
| ESCALATION BID PRICE AT INCREMEN |       |          |        |          |          |          |          |          |
| ESCALATION BID PRICE AT MINIMUM  |       |          |        |          |          |          |          |          |
| ESCALATION CAPACITY REVENUE      |       |          |        |          |          |          |          |          |
| ESCALATION CAPITAL COSTS         |       |          |        |          |          |          |          |          |
| ESCALATION FIXED ANNUAL RATE     |       |          |        |          |          |          |          |          |
| ESCALATION FIXED COSTS           |       |          |        |          |          |          |          |          |
| ESCALATION FIXED SEASONAL RATE   |       |          |        |          |          |          |          |          |
| ESCALATION VARIABLE COSTS        |       | VARO&M   | VARO&M |          |          |          |          |          |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| IMMATURE PERIOD                  | YEARS | 0        | 0      | 0        | 0        | 0        | 0        | 0        |
| MATURITY YEAR                    | YEAR  | 2011     | 2011   | 2011     | 2011     | 2011     | 2011     | 2011     |
| PURCHASE UNIT FLAG               |       | 0        | 0      | 1        | 1        | 1        | 1        | 1        |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00 | 100.00   | 100.00   | 100.00   | 100.00   | 100.00   |
| RESOURCE TYPE                    |       | C        | C      | C        | C        | C        | C        | C        |
| RETIREMENT MONTH                 | MONTH | 12       | 12     | 12       | 12       | 12       | 12       | 12       |
| RETIREMENT YEAR                  | YEAR  | 2026     | 2026   | 2100     | 2100     | 2100     | 2100     | 2100     |
| SOURCE INDEX NUMBER              |       | 0        | 0      | 0        | 0        | 0        | 0        | 0        |
| THERMAL UNIT TYPE                |       |          |        |          |          |          |          |          |

|                                  |       |          |            |            |            |            |            |            |
|----------------------------------|-------|----------|------------|------------|------------|------------|------------|------------|
| THERMAL UNIT                     |       | 15       | 16         | 17         | 18         | 19         | 20         | 21         |
|                                  |       | CLIFTY 6 | CLINCH R 1 | CLINCH R 2 | CLINCH R 3 | ROCKP_KP 1 | ROCKP_KP 2 | CSVL 1-4 3 |
| AIR BASIN POINTER                |       | 1        | 1          | 1          | 1          | 1          | 1          | 1          |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0          | 0          | 0          | 0          | 0          | 0          |
| BID PRICE OPTION                 |       | 0        | 0          | 0          | 0          | 0          | 0          | 0          |
| COMMISSION MONTH                 | MONTH | 1        | 1          | 1          | 1          | 1          | 1          | 1          |
| COMMISSION YEAR                  | YEAR  | 2100     | 2011       | 2011       | 2011       | 2011       | 2011       | 2011       |
| DEFERRAL PRIORITY                |       | 0        | 0          | 0          | 0          | 0          | 0          | 0          |
| DISPATCH LAMBDA OPTION           |       | 0        | 0          | 0          | 0          | 0          | 0          | 0          |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0          | 0          | 0          | 0          | 0          | 0          |
| ESCALATION ANCILLARY REVENUE     |       |          |            |            |            |            |            |            |
| ESCALATION BID PRICE AT INCREMEN |       |          |            |            |            |            |            |            |
| ESCALATION BID PRICE AT MINIMUM  |       |          |            |            |            |            |            |            |
| ESCALATION CAPACITY REVENUE      |       |          |            |            |            |            |            |            |
| ESCALATION CAPITAL COSTS         |       |          |            |            |            |            |            |            |
| ESCALATION FIXED ANNUAL RATE     |       |          |            |            |            | FIXO&M     | FIXO&M     |            |
| ESCALATION FIXED COSTS           |       |          |            |            |            |            |            |            |
| ESCALATION FIXED SEASONAL RATE   |       |          |            |            |            |            |            |            |
| ESCALATION VARIABLE COSTS        |       |          | VARO&M     | VARO&M     | VARO&M     |            |            | VARO&M     |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| IMMATURE PERIOD                  | YEARS | 0        | 0          | 0          | 0          | 0          | 0          | 0          |
| MATURITY YEAR                    | YEAR  | 2011     | 2011       | 2011       | 2011       | 2011       | 2011       | 2011       |
| PURCHASE UNIT FLAG               |       | 1        | 0          | 0          | 0          | 0          | 0          | 0          |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00     | 100.00     | 100.00     | 100.00     | 100.00     | 100.00     |
| RESOURCE TYPE                    |       | C        | C          | C          | C          | C          | C          | C          |
| RETIREMENT MONTH                 | MONTH | 12       | 12         | 12         | 12         | 12         | 3          | 12         |
| RETIREMENT YEAR                  | YEAR  | 2100     | 2014       | 2014       | 2014       | 2015       | 2015       | 2012       |
| SOURCE INDEX NUMBER              |       | 0        | 0          | 0          | 0          | 0          | 0          | 0          |
| THERMAL UNIT TYPE                |       |          |            |            |            |            |            |            |

|                                  |       |            |            |            |            |            |         |         |
|----------------------------------|-------|------------|------------|------------|------------|------------|---------|---------|
| THERMAL UNIT                     |       | 22         | 23         | 24         | 25         | 26         | 27      | 28      |
|                                  |       | CSVL 1-4 4 | CSVL 5+6 5 | CSVL 5+6 6 | D C COOK 1 | D C COOK 2 | GAVIN 1 | GAVIN 2 |
| AIR BASIN POINTER                |       | 1          | 1          | 1          | 1          | 1          | 1       | 1       |
| BID PRICE ACCOUNTING FLAG        |       | 0          | 0          | 0          | 0          | 0          | 0       | 0       |
| BID PRICE OPTION                 |       | 0          | 0          | 0          | 0          | 0          | 0       | 0       |
| COMMISSION MONTH                 | MONTH | 1          | 1          | 1          | 1          | 1          | 1       | 1       |
| COMMISSION YEAR                  | YEAR  | 2011       | 2011       | 2011       | 2011       | 2011       | 2011    | 2011    |
| DEFERRAL PRIORITY                |       | 0          | 0          | 0          | 0          | 0          | 0       | 0       |
| DISPATCH LAMBDA OPTION           |       | 0          | 0          | 0          | 0          | 0          | 0       | 0       |
| EFFICIENT HEAT RATE OPTION       |       | 0          | 0          | 0          | 0          | 0          | 0       | 0       |
| ESCALATION ANCILLARY REVENUE     |       |            |            |            |            |            |         |         |
| ESCALATION BID PRICE AT INCREMEN |       |            |            |            |            |            |         |         |

ESCALATION BID PRICE AT MINIMUM  
 ESCALATION CAPACITY REVENUE  
 ESCALATION CAPITAL COSTS  
 ESCALATION FIXED ANNUAL RATE  
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QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                   | 22<br>CSV L 1-4<br>4 | 23<br>CSV L 5+6<br>5 | 24<br>CSV L 5+6<br>6 | 25<br>D C COOK<br>1 | 26<br>D C COOK<br>2 | 27<br>GAVIN<br>1 | 28<br>GAVIN<br>2 |
|--------------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|------------------|------------------|
| ESCALATION FIXED COSTS         |                      |                      |                      |                     |                     |                  |                  |
| ESCALATION FIXED SEASONAL RATE |                      |                      |                      |                     |                     |                  |                  |
| ESCALATION VARIABLE COSTS      | VAR0&M               | VAR0&M               | VAR0&M               | NUC-VOM             | NUC-VOM             | VAR0&M           | VAR0&M           |
| IMMATURE FORCED OUTAGE RATE    | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00             | 0.00             |
| IMMATURE PERIOD                | %<br>YEARS           | 0                    | 0                    | 0                   | 0                   | 0                | 0                |
| MATURITY YEAR                  | YEAR                 | 2011                 | 2011                 | 2011                | 2011                | 2011             | 2011             |
| PURCHASE UNIT FLAG             | 0                    | 0                    | 0                    | 0                   | 0                   | 0                | 0                |
| RESERVE OF TOTAL UNIT          | %<br>0.00            | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00             | 0.00             |
| RESERVE OF UPPER SEGMENT       | %<br>100.00          | 100.00               | 100.00               | 100.00              | 100.00              | 100.00           | 100.00           |
| RESOURCE TYPE                  | C                    | C                    | C                    | C                   | C                   | C                | C                |
| RETIREMENT MONTH               | MONTH<br>12          | 12                   | 12                   | 12                  | 12                  | 12               | 12               |
| RETIREMENT YEAR                | YEAR<br>2100         | 2019                 | 2019                 | 2035                | 2037                | 2100             | 2100             |
| SOURCE INDEX NUMBER            | 0                    | 0                    | 0                    | 0                   | 0                   | 0                | 0                |
| THERMAL UNIT TYPE              |                      |                      |                      |                     |                     |                  |                  |

| THERMAL UNIT                     | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 31<br>0 | 32<br>0 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 |
|----------------------------------|---------------------|---------------------|---------|---------|-------------------|-------------------|-------------------|
| AIR BASIN POINTER                | 1                   | 1                   | 1       | 1       | 1                 | 1                 | 1                 |
| BID PRICE ACCOUNTING FLAG        | 0                   | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| BID PRICE OPTION                 | 0                   | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| COMMISSION MONTH                 | MONTH<br>1          | 1                   | 1       | 1       | 1                 | 1                 | 1                 |
| COMMISSION YEAR                  | YEAR<br>2011        | 2011                | 0       | 0       | 2011              | 2011              | 2011              |
| DEFERRAL PRIORITY                | 0                   | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| DISPATCH LAMBDA OPTION           | 0                   | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| EFFICIENT HEAT RATE OPTION       | 0                   | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| ESCALATION ANCILLARY REVENUE     |                     |                     |         |         |                   |                   |                   |
| ESCALATION BID PRICE AT INCREMEN |                     |                     |         |         |                   |                   |                   |
| ESCALATION BID PRICE AT MINIMUM  |                     |                     |         |         |                   |                   |                   |
| ESCALATION CAPACITY REVENUE      |                     |                     |         |         |                   |                   |                   |
| ESCALATION CAPITAL COSTS         |                     |                     |         |         |                   |                   |                   |
| ESCALATION FIXED ANNUAL RATE     |                     |                     |         |         |                   |                   |                   |
| ESCALATION FIXED COSTS           |                     |                     |         |         |                   |                   |                   |
| ESCALATION FIXED SEASONAL RATE   |                     |                     |         |         |                   |                   |                   |
| ESCALATION VARIABLE COSTS        | VAR0&M              | VAR0&M              |         |         | VAR0&M            | VAR0&M            | VAR0&M            |
| IMMATURE FORCED OUTAGE RATE      | %<br>0.00           | 0.00                | 0.00    | 0.00    | 0.00              | 0.00              | 0.00              |
| IMMATURE PERIOD                  | %<br>YEARS          | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| MATURITY YEAR                    | YEAR                | 2011                | 2011    | 1900    | 2011              | 2011              | 2011              |
| PURCHASE UNIT FLAG               | 0                   | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| RESERVE OF TOTAL UNIT            | %<br>0.00           | 0.00                | 0.00    | 0.00    | 0.00              | 0.00              | 0.00              |
| RESERVE OF UPPER SEGMENT         | %<br>100.00         | 100.00              | 100.00  | 100.00  | 100.00            | 100.00            | 100.00            |
| RESOURCE TYPE                    | C                   | C                   | C       | C       | C                 | C                 | C                 |
| RETIREMENT MONTH                 | MONTH<br>12         | 12                  | 12      | 12      | 12                | 12                | 12                |
| RETIREMENT YEAR                  | YEAR<br>2014        | 2014                | 2100    | 2100    | 2014              | 2014              | 2014              |
| SOURCE INDEX NUMBER              | 0                   | 0                   | 0       | 0       | 0                 | 0                 | 0                 |
| THERMAL UNIT TYPE                |                     |                     |         |         |                   |                   |                   |

| THERMAL UNIT                     | 36<br>KANAWHA<br>1 | 37<br>KANAWHA<br>2 | 38<br>KYGER<br>1 | 39<br>KYGER<br>2 | 40<br>KYGER<br>3 | 41<br>KYGER<br>4 | 42<br>KYGER<br>5 |
|----------------------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|
| AIR BASIN POINTER                | 1                  | 1                  | 1                | 1                | 1                | 1                | 1                |
| BID PRICE ACCOUNTING FLAG        | 0                  | 0                  | 0                | 0                | 0                | 0                | 0                |
| BID PRICE OPTION                 | 0                  | 0                  | 0                | 0                | 0                | 0                | 0                |
| COMMISSION MONTH                 | MONTH<br>1         | 1                  | 1                | 1                | 1                | 1                | 1                |
| COMMISSION YEAR                  | YEAR<br>2011       | 2011               | 2100             | 2100             | 2100             | 2100             | 2100             |
| DEFERRAL PRIORITY                | 0                  | 0                  | 0                | 0                | 0                | 0                | 0                |
| DISPATCH LAMBDA OPTION           | 0                  | 0                  | 0                | 0                | 0                | 0                | 0                |
| EFFICIENT HEAT RATE OPTION       | 0                  | 0                  | 0                | 0                | 0                | 0                | 0                |
| ESCALATION ANCILLARY REVENUE     |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION BID PRICE AT INCREMEN |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION BID PRICE AT MINIMUM  |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION CAPACITY REVENUE      |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION CAPITAL COSTS         |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION FIXED ANNUAL RATE     |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION FIXED COSTS           |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION FIXED SEASONAL RATE   |                    |                    |                  |                  |                  |                  |                  |
| ESCALATION VARIABLE COSTS        | VAR0&M             | VAR0&M             |                  |                  |                  |                  |                  |
| IMMATURE FORCED OUTAGE RATE      | %<br>0.00          | 0.00               | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| IMMATURE PERIOD                  | %<br>YEARS         | 0                  | 0                | 0                | 0                | 0                | 0                |
| MATURITY YEAR                    | YEAR               | 2011               | 2011             | 2011             | 2011             | 2011             | 2011             |
| PURCHASE UNIT FLAG               | 0                  | 0                  | 1                | 1                | 1                | 1                | 1                |
| RESERVE OF TOTAL UNIT            | %<br>0.00          | 0.00               | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| RESERVE OF UPPER SEGMENT         | %<br>100.00        | 100.00             | 100.00           | 100.00           | 100.00           | 100.00           | 100.00           |
| RESOURCE TYPE                    | C                  | C                  | C                | C                | C                | C                | C                |
| RETIREMENT MONTH                 | MONTH<br>12        | 12                 | 12               | 12               | 12               | 12               | 12               |
| RETIREMENT YEAR                  | YEAR<br>2014       | 2014               | 2100             | 2100             | 2100             | 2100             | 2100             |

| SOURCE INDEX NUMBER | 0 | 0 | 0 | 0 | 0 | 0 |
|---------------------|---|---|---|---|---|---|
| THERMAL UNIT TYPE   |   |   |   |   |   |   |

| THERMAL UNIT                     |       | 43       | 44       | 45       | 46       | 47       | 48                   | 49       |
|----------------------------------|-------|----------|----------|----------|----------|----------|----------------------|----------|
|                                  |       | MITCHELL | MITCHELL | MOUNT_ER | MUSK RVR | MUSK RVR | MUSK RVR             | MUSK RVR |
|                                  |       | 1        | 2        | 1        | 1        | 2        | 3                    | 4        |
| AIR BASIN POINTER                |       | 1        | 1        | 1        | 1        | 1        | 1                    | 1        |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| BID PRICE OPTION                 |       | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| COMMISSION MONTH                 | MONTH | 1        | 1        | 1        | 1        | 1        | 1                    | 1        |
| COMMISSION YEAR                  | YEAR  | 2011     | 2011     | 2011     | 2011     | 2011     | 2011                 | 2011     |
| DEFERRAL PRIORITY                |       | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| DISPATCH LAMEDA OPTION           |       | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| ESCALATION ANCILLARY REVENUE     |       |          |          |          |          |          |                      |          |
| ESCALATION BID PRICE AT INCREMEN |       |          |          |          |          |          |                      |          |
| ESCALATION BID PRICE AT MINIMUM  |       |          |          |          |          |          |                      |          |
| ESCALATION CAPACITY REVENUE      |       |          |          |          |          |          |                      |          |
| ESCALATION CAPITAL COSTS         |       |          |          |          |          |          |                      |          |
| ESCALATION FIXED ANNUAL RATE     |       |          |          |          |          |          |                      |          |
| ESCALATION FIXED COSTS           |       |          |          |          |          |          |                      |          |
| ESCALATION FIXED SEASONAL RATE   |       |          |          |          |          |          |                      |          |
| ESCALATION VARIABLE COSTS        |       | VARO&M   | VARO&M   | VARO&M   | VARO&M   | VARO&M   | VARO&M               | VARO&M   |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00                 | 0.00     |
| IMMATURITY PERIOD                | YEARS | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| MATURITY YEAR                    | YEAR  | 2011     | 2011     | 2011     | 2011     | 2011     | 2011                 | 2011     |
| PURCHASE UNIT FLAG               |       | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00                 | 0.00     |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00   | 100.00   | 100.00   | 100.00   | 100.00               | 100.00   |
| RESOURCE TYPE                    |       | C        | C        | C        | C        | C        | C                    | C        |
| RETIREMENT MONTH                 | MONTH | 12       | 12       | 12       | 12       | 12       | 12                   | 12       |
| RETIREMENT YEAR                  | YEAR  | 2100     | 2100     | 2100     | 2014     | 2014     | 2014                 | 2014     |
| SOURCE INDEX NUMBER              |       | 0        | 0        | 0        | 0        | 0        | 0                    | 0        |
| THERMAL UNIT TYPE                |       |          |          |          |          |          |                      |          |
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GENERATION AND FUEL MODULE  
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QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |       | 50       | 51      | 52      | 53      | 54      | 55      | 56     |
|----------------------------------|-------|----------|---------|---------|---------|---------|---------|--------|
|                                  |       | MUSK RVR | P SPORN | P SPORN | P SPORN | P SPORN | P SPORN | PICWAY |
|                                  |       | 5        | 1       | 2       | 3       | 4       | 5       | 5      |
| AIR BASIN POINTER                |       | 1        | 1       | 1       | 1       | 1       | 1       | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| BID PRICE OPTION                 |       | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| COMMISSION MONTH                 | MONTH | 1        | 1       | 1       | 1       | 1       | 1       | 1      |
| COMMISSION YEAR                  | YEAR  | 2011     | 2011    | 2011    | 2011    | 2011    | 2010    | 2011   |
| DEFERRAL PRIORITY                |       | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| DISPATCH LAMBDA OPTION           |       | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| ESCALATION ANCILLARY REVENUE     |       |          |         |         |         |         |         |        |
| ESCALATION BID PRICE AT INCREMEN |       |          |         |         |         |         |         |        |
| ESCALATION BID PRICE AT MINIMUM  |       |          |         |         |         |         |         |        |
| ESCALATION CAPACITY REVENUE      |       |          |         |         |         |         |         |        |
| ESCALATION CAPITAL COSTS         |       |          |         |         |         |         |         |        |
| ESCALATION FIXED ANNUAL RATE     |       |          |         |         |         |         |         |        |
| ESCALATION FIXED COSTS           |       |          |         |         |         |         | FIXO&M  |        |
| ESCALATION FIXED SEASONAL RATE   |       |          |         |         |         |         |         |        |
| ESCALATION VARIABLE COSTS        |       | VARO&M   | VARO&M  | VARO&M  | VARO&M  | VARO&M  | VARO&M  | VARO&M |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00   |
| IMMATURETY PERIOD                | YEARS | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| MATURITY YEAR                    | YEAR  | 2011     | 2011    | 2011    | 2011    | 2011    | 2011    | 2011   |
| PURCHASE UNIT FLAG               |       | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00  | 100.00  | 100.00  | 100.00  | 100.00  | 100.00 |
| RESOURCE TYPE                    |       | C        | C       | C       | C       | C       | C       | C      |
| RETIREMENT MONTH                 | MONTH | 5        | 12      | 12      | 12      | 12      | 5       | 12     |
| RETIREMENT YEAR                  | YEAR  | 2015     | 2014    | 2014    | 2014    | 2014    | 2011    | 2014   |
| SOURCE INDEX NUMBER              |       | 0        | 0       | 0       | 0       | 0       | 0       | 0      |
| THERMAL UNIT TYPE                |       |          |         |         |         |         |         |        |

| THERMAL UNIT                     |       | 57            | 58            | 59            | 60 | 61          | 62          | 63          |
|----------------------------------|-------|---------------|---------------|---------------|----|-------------|-------------|-------------|
|                                  |       | RPRET_IM<br>1 | RPRUN_IM<br>1 | ROCKP_IM<br>2 |    | STUART<br>1 | STUART<br>2 | STUART<br>3 |
| AIR BASIN POINTER                |       | 1             | 1             | 1             | 1  | 1           | 1           | 1           |
| BID PRICE ACCOUNTING FLAG        |       | 0             | 0             | 0             | 0  | 0           | 0           | 0           |
| BID PRICE OPTION                 |       | 0             | 0             | 0             | 0  | 0           | 0           | 0           |
| COMMISSION MONTH                 | MONTH | 1             | 1             | 1             | 1  | 1           | 1           | 1           |
| COMMISSION YEAR                  | YEAR  | 2100          | 2011          | 2011          | 0  | 2011        | 2011        | 2011        |
| DEFERRAL PRIORITY                |       | 0             | 0             | 0             | 0  | 0           | 0           | 0           |
| DISPATCH LAMEDA OPTION           |       | 0             | 0             | 0             | 0  | 0           | 0           | 0           |
| EFFICIENT HEAT RATE OPTION       |       | 0             | 0             | 0             | 0  | 0           | 0           | 0           |
| ESCALATION ANCILLARY REVENUE     |       |               |               |               |    |             |             |             |
| ESCALATION BID PRICE AT INCREMEN |       |               |               |               |    |             |             |             |
| ESCALATION BID PRICE AT MINIMUM  |       |               |               |               |    |             |             |             |
| ESCALATION CAPACITY REVENUE      |       |               |               |               |    |             |             |             |
| ESCALATION CAPITAL COSTS         |       |               |               |               |    |             |             |             |
| ESCALATION FIXED ANNUAL RATE     |       | FIX0 &M       | FIX0 &M       | FIX0 &M       |    |             |             |             |

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|                                |       |        |        |        |        |        |        |        |
|--------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| ESCALATION FIXED COSTS         |       | VARO&M | VARO&M | VARO&M |        | VARO&M | VARO&M | VARO&M |
| ESCALATION FIXED SEASONAL RATE |       | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| ESCALATION VARIABLE COSTS      |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| IMMATURE FORCED OUTAGE RATE    | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                  | YEAR  | 2011   | 2011   | 2011   | 1900   | 2011   | 2011   | 2011   |
| PURCHASE UNIT FLAG             |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT          | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT       | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                  |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH               | MONTH | 12     | 12     | 3      | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                | YEAR  | 2100   | 2100   | 2015   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER            |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE              |       |        |        |        |        |        |        |        |

|                                  |       |        |         |          |          |          |        |        |
|----------------------------------|-------|--------|---------|----------|----------|----------|--------|--------|
| THERMAL UNIT                     |       | 64     | 65      | 66       | 67       | 68       | 69     | 70     |
|                                  |       | STUART | AMOS_AP | TANN 1-3 | TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER |
|                                  |       | 4      | 3       | 1        | 2        | 3        | 4      | 1      |
| AIR BASIN POINTER                |       | 1      | 1       | 1        | 1        | 1        | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1       | 1        | 1        | 1        | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2011   | 2011    | 2011     | 2011     | 2011     | 2011   | 2011   |
| DEFERRAL PRIORITY                |       | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |         |          |          |          |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |         |          |          |          |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |         |          |          |          |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |         |          |          |          |        |        |
| ESCALATION CAPITAL COSTS         |       |        |         |          |          |          |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        | FIXO&M  | FIXO&M   | FIXO&M   | FIXO&M   |        | FIXO&M |
| ESCALATION FIXED COSTS           |       |        |         |          |          |          |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |         |          |          |          |        |        |
| ESCALATION VARIABLE COSTS        |       | VARO&M | VARO&M  | VARO&M   | VARO&M   | VARO&M   | VARO&M | VARO&M |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 2011   | 2011    | 2011     | 2011     | 2011     | 2011   | 2011   |
| PURCHASE UNIT FLAG               |       | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00    | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00  | 100.00   | 100.00   | 100.00   | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C       | C        | C        | C        | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12      | 12       | 12       | 12       | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100    | 2014     | 2014     | 2013     | 2013   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0       | 0        | 0        | 0        | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |         |          |          |          |        |        |

|                                  |       |          |          |          |    |        |        |        |
|----------------------------------|-------|----------|----------|----------|----|--------|--------|--------|
| THERMAL UNIT                     |       | 71       | 72       | 73       | 74 | 75     | 76     | 77     |
|                                  |       | ROBTMONE | ROBTMONE | ROBTMONE |    | CEREDO | CEREDO | CEREDO |
|                                  |       | 1        | 2        | 3        | 0  | 1      | 2      | 3      |
| AIR BASIN POINTER                |       | 1        | 1        | 1        | 1  | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0        | 0        | 0  | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0        | 0        | 0        | 0  | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1        | 1        | 1        | 1  | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2011     | 2011     | 2011     | 0  | 2011   | 2011   | 2011   |
| DEFERRAL PRIORITY                |       | 0        | 0        | 0        | 0  | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0        | 0        | 0        | 0  | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0        | 0        | 0  | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |          |          |          |    |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |          |          |          |    |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |          |          |          |    |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |          |          |          |    |        |        |        |
| ESCALATION CAPITAL COSTS         |       |          |          |          |    |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |          |          |          |    |        |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                |       |          |          |          |        |        |        |        |
|--------------------------------|-------|----------|----------|----------|--------|--------|--------|--------|
| THERMAL UNIT                   |       | 71       | 72       | 73       | 74     | 75     | 76     | 77     |
|                                |       | ROBTMONE | ROBTMONE | ROBTMONE |        | CEREDO | CEREDO | CEREDO |
|                                |       | 1        | 2        | 3        | 0      | 1      | 2      | 3      |
| ESCALATION FIXED COSTS         |       |          |          |          |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE |       |          |          |          |        |        |        |        |
| ESCALATION VARIABLE COSTS      |       | VARO&M   | VARO&M   | VARO&M   |        | VARO&M | VARO&M | VARO&M |
| IMMATURE FORCED OUTAGE RATE    | %     | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                | YEARS | 0        | 0        | 0        | 0      | 0      | 0      | 0      |
| MATURITY YEAR                  | YEAR  | 2011     | 2011     | 2011     | 2011   | 2011   | 2011   | 2011   |
| PURCHASE UNIT FLAG             |       | 1        | 1        | 1        | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT          | %     | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT       | %     | 100.00   | 100.00   | 100.00   | 100.00 | 0.00   | 0.00   | 0.00   |
| RESOURCE TYPE                  |       | C        | C        | C        | C      | C      | C      | C      |
| RETIREMENT MONTH               | MONTH | 12       | 12       | 12       | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                | YEAR  | 2100     | 2100     | 2100     | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER            |       | 0        | 0        | 0        | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE              |       |          |          |          |        |        |        |        |



## 1 A Input Summary.txt

| THERMAL UNIT                     |       | 78     | 79     | 80     | 81     | 82     | 83     | 84     |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
|                                  |       | CEREDO | CEREDO | CEREDO | DARBY  | DARBY  | DARBY  | DARBY  |
|                                  |       | 4      | 5      | 6      | 1      | 2      | 3      | 4      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2011   | 2011   | 2011   | 2011   | 2011   | 2011   | 2011   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       | VARO&M | VARO&M | VARO&M | VARO&M | VARO&M | VARO&M | VARO&M |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURETY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 2011   | 2011   | 2011   | 2011   | 2011   | 2011   | 2011   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |

| THERMAL UNIT                     |       | 85     | 86     | 87       | 88       | 89       | 90       | 91      |
|----------------------------------|-------|--------|--------|----------|----------|----------|----------|---------|
|                                  |       | DARBY  | DARBY  | LWBG WIN | LWBG WIN | LWBG SHR | LWBG SHR | WATR CC |
|                                  |       | 5      | 6      | 1        | 2        | 1        | 2        | 1       |
| AIR BASIN POINTER                |       | 1      | 1      | 1        | 1        | 1        | 1        | 1       |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| BID PRICE OPTION                 |       | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1        | 1        | 1        | 1        | 1       |
| COMMISSION YEAR                  | YEAR  | 2011   | 2011   | 2011     | 2011     | 2011     | 2011     | 2011    |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| ESCALATION ANCILLARY REVENUE     |       |        |        |          |          |          |          |         |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |          |          |          |          |         |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |          |          |          |          |         |
| ESCALATION CAPACITY REVENUE      |       |        |        |          |          |          |          |         |
| ESCALATION CAPITAL COSTS         |       |        |        |          |          |          |          |         |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |          |          |          |          |         |
| ESCALATION FIXED COSTS           |       |        |        |          |          |          |          |         |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |          |          |          |          |         |
| ESCALATION VARIABLE COSTS        |       | VARO&M | VARO&M | VARO&M   | VARO&M   | FIXO&M   | FIXO&M   | VARO&M  |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    |
| IMMATURETY PERIOD                | YEARS | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| MATURITY YEAR                    | YEAR  | 2011   | 2011   | 2011     | 2011     | 2011     | 2011     | 2011    |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    |
| RESERVE OF UPPER SEGMENT         | %     | 0.00   | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    |
| RESOURCE TYPE                    |       | C      | C      | C        | C        | C        | C        | C       |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12       | 12       | 12       | 12       | 12      |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100     | 2100     | 2100     | 2100     | 2100    |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0        | 0        | 0        | 0        | 0       |
| THERMAL UNIT TYPE                |       |        |        |          |          |          |          |         |

| THERMAL UNIT                     |       | 92     | 93     | 94      | 95     | 96      | 97      | 98      |
|----------------------------------|-------|--------|--------|---------|--------|---------|---------|---------|
|                                  |       | WATR2  | DRESDE | DRESDE2 |        | CT_APCO | CC_APCO | IGCC AP |
|                                  |       | 1      | 1      | 1       | 0      | 1       | 1       | 1       |
| AIR BASIN POINTER                |       | 1      | 1      | 1       | 1      | 1       | 1       | 1       |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0       | 0      | 0       | 0       | 0       |
| BID PRICE OPTION                 |       | 0      | 0      | 0       | 0      | 0       | 0       | 0       |
| COMMISSION MONTH                 | MONTH | 1      | 4      | 4       | 1      | 1       | 1       | 1       |
| COMMISSION YEAR                  | YEAR  | 2011   | 2013   | 2013    | 0      | 2100    | 2100    | 2100    |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0       | 0      | 0       | 0       | 0       |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0       | 0      | 0       | 0       | 0       |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0       | 0      | 0       | 0       | 0       |
| ESCALATION ANCILLARY REVENUE     |       |        |        |         |        |         |         |         |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |         |        |         |         |         |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |         |        |         |         |         |
| ESCALATION CAPACITY REVENUE      |       |        |        |         |        |         |         |         |
| ESCALATION CAPITAL COSTS         |       |        |        |         |        |         |         |         |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |         |        | FIXO&M  | FIXO&M  | FIXO&M  |
| ESCALATION FIXED COSTS           |       |        |        |         |        |         |         |         |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |         |        |         |         |         |
| ESCALATION VARIABLE COSTS        |       | VARO&M | VARO&M | VARO&M  |        | VARO&M  | VARO&M  | VARO&M  |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00    | 0.00   | 0.00    | 0.00    | 0.00    |
| IMMATURETY PERIOD                | YEARS | 0      | 0      | 0       | 0      | 0       | 0       | 0       |
| MATURITY YEAR                    | YEAR  | 2011   | 2013   | 2013    | 1900   | 2010    | 2100    | 2100    |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0       | 0      | 0       | 0       | 0       |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00    | 0.00   | 0.00    | 0.00    | 0.00    |
| RESERVE OF UPPER SEGMENT         | %     | 0.00   | 0.00   | 0.00    | 100.00 | 0.00    | 100.00  | 0.00    |
| RESOURCE TYPE                    |       | C      | C      | C       | C      | C       | C       | C       |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12      | 12     | 12      | 12      | 12      |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100    | 2100   | 2100    | 2100    | 2100    |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |       | 99<br>PC_UL_AP<br>1 | 100<br>Nuke_AP<br>1 | 101<br>CT_I&M<br>1 | 102<br>CC_I&M<br>1 | 103<br>IGCC IM<br>1 | 104<br>PC_UL_IM<br>1 | 105<br>NUKE_IM<br>1 |
|----------------------------------|-------|---------------------|---------------------|--------------------|--------------------|---------------------|----------------------|---------------------|
| AIR BASIN POINTER                |       | 1                   | 1                   | 1                  | 1                  | 1                   | 1                    | 1                   |
| BID PRICE ACCOUNTING FLAG        |       | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| BID PRICE OPTION                 |       | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| COMMISSION MONTH                 | MONTH | 1                   | 1                   | 1                  | 1                  | 1                   | 1                    | 1                   |
| COMMISSION YEAR                  | YEAR  | 2100                | 2100                | 2100               | 2100               | 2100                | 2100                 | 2100                |
| DEFERRAL PRIORITY                |       | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| DISPATCH LAMBDA OPTION           |       | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| EFFICIENT HEAT RATE OPTION       |       | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| ESCALATION ANCILLARY REVENUE     |       |                     |                     |                    |                    |                     |                      |                     |
| ESCALATION BID PRICE AT INCREMEN |       |                     |                     |                    |                    |                     |                      |                     |
| ESCALATION BID PRICE AT MINIMUM  |       |                     |                     |                    |                    |                     |                      |                     |
| ESCALATION CAPACITY REVENUE      |       |                     |                     |                    |                    |                     |                      |                     |
| ESCALATION CAPITAL COSTS         |       |                     |                     |                    |                    |                     |                      |                     |
| ESCALATION FIXED ANNUAL RATE     |       | FIX0&M              |                     | FIX0&M             | FIX0&M             | FIX0&M              | FIX0&M               |                     |
| ESCALATION FIXED COSTS           |       |                     |                     |                    |                    |                     |                      |                     |
| ESCALATION FIXED SEASONAL RATE   |       |                     |                     |                    |                    |                     |                      |                     |
| ESCALATION VARIABLE COSTS        |       | VAR0&M              | VAR0&M              | VAR0&M             | VAR0&M             | VAR0&M              | VAR0&M               | VAR0&M              |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00                | 0.00                | 0.00               | 0.00               | 0.00                | 0.00                 | 0.00                |
| IMMATURE PERIOD                  | YEARS | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| MATURITY YEAR                    | YEAR  | 2100                | 1900                | 2010               | 2100               | 2100                | 2100                 | 1900                |
| PURCHASE UNIT FLAG               |       | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| RESERVE OF TOTAL UNIT            | %     | 0.00                | 0.00                | 0.00               | 0.00               | 0.00                | 0.00                 | 0.00                |
| RESERVE OF UPPER SEGMENT         | %     | 0.00                | 0.00                | 0.00               | 100.00             | 0.00                | 0.00                 | 0.00                |
| RESOURCE TYPE                    |       | C                   | C                   | C                  | C                  | C                   | C                    | C                   |
| RETIREMENT MONTH                 | MONTH | 12                  | 12                  | 12                 | 12                 | 12                  | 12                   | 12                  |
| RETIREMENT YEAR                  | YEAR  | 2100                | 2100                | 2100               | 2100               | 2100                | 2100                 | 2100                |
| SOURCE INDEX NUMBER              |       | 0                   | 0                   | 0                  | 0                  | 0                   | 0                    | 0                   |
| THERMAL UNIT TYPE                |       |                     |                     |                    |                    |                     |                      |                     |

| THERMAL UNIT                     |       | 106<br>CT_KPC0<br>1 | 107<br>CC_KPC0<br>1 | 108<br>IGCC KP<br>1 | 109<br>PC_UL_KP<br>1 | 110<br>NUKE_KP<br>1 | 111<br>CT_OHIO<br>1 | 112<br>CC_OH<br>1 |
|----------------------------------|-------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|-------------------|
| AIR BASIN POINTER                |       | 1                   | 1                   | 1                   | 1                    | 1                   | 1                   | 1                 |
| BID PRICE ACCOUNTING FLAG        |       | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| BID PRICE OPTION                 |       | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| COMMISSION MONTH                 | MONTH | 1                   | 1                   | 1                   | 1                    | 1                   | 1                   | 1                 |
| COMMISSION YEAR                  | YEAR  | 2100                | 2100                | 2100                | 2100                 | 2100                | 2100                | 2100              |
| DEFERRAL PRIORITY                |       | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| DISPATCH LAMBDA OPTION           |       | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| EFFICIENT HEAT RATE OPTION       |       | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| ESCALATION ANCILLARY REVENUE     |       |                     |                     |                     |                      |                     |                     |                   |
| ESCALATION BID PRICE AT INCREMEN |       |                     |                     |                     |                      |                     |                     |                   |
| ESCALATION BID PRICE AT MINIMUM  |       |                     |                     |                     |                      |                     |                     |                   |
| ESCALATION CAPACITY REVENUE      |       |                     |                     |                     |                      |                     |                     |                   |
| ESCALATION CAPITAL COSTS         |       |                     |                     |                     |                      |                     |                     |                   |
| ESCALATION FIXED ANNUAL RATE     |       | FIX0&M              | FIX0&M              | FIX0&M              | FIX0&M               |                     | FIX0&M              | FIX0&M            |
| ESCALATION FIXED COSTS           |       |                     |                     |                     |                      |                     |                     |                   |
| ESCALATION FIXED SEASONAL RATE   |       |                     |                     |                     |                      |                     |                     |                   |
| ESCALATION VARIABLE COSTS        |       | VAR0&M              | VAR0&M              | VAR0&M              | VAR0&M               | VAR0&M              | VAR0&M              | VAR0&M            |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                | 0.00                | 0.00              |
| IMMATURE PERIOD                  | YEARS | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| MATURITY YEAR                    | YEAR  | 2010                | 2100                | 2100                | 2100                 | 1900                | 2010                | 2100              |
| PURCHASE UNIT FLAG               |       | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| RESERVE OF TOTAL UNIT            | %     | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                | 0.00                | 0.00              |
| RESERVE OF UPPER SEGMENT         | %     | 0.00                | 100.00              | 0.00                | 0.00                 | 0.00                | 0.00                | 100.00            |
| RESOURCE TYPE                    |       | C                   | C                   | C                   | C                    | C                   | C                   | C                 |
| RETIREMENT MONTH                 | MONTH | 12                  | 12                  | 12                  | 12                   | 12                  | 12                  | 12                |
| RETIREMENT YEAR                  | YEAR  | 2100                | 2100                | 2100                | 2100                 | 2100                | 2100                | 2100              |
| SOURCE INDEX NUMBER              |       | 0                   | 0                   | 0                   | 0                    | 0                   | 0                   | 0                 |
| THERMAL UNIT TYPE                |       |                     |                     |                     |                      |                     |                     |                   |

| THERMAL UNIT                     |       | 113<br>IGCC OH<br>1 | 114<br>PC_UL_OH<br>1 | 115<br>NUKE OH<br>1 | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1 | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 |
|----------------------------------|-------|---------------------|----------------------|---------------------|----------------------|---------------------|---------------------|---------------------|
| AIR BASIN POINTER                |       | 1                   | 1                    | 1                   | 1                    | 1                   | 1                   | 1                   |
| BID PRICE ACCOUNTING FLAG        |       | 0                   | 0                    | 0                   | 0                    | 0                   | 0                   | 0                   |
| BID PRICE OPTION                 |       | 0                   | 0                    | 0                   | 0                    | 0                   | 0                   | 0                   |
| COMMISSION MONTH                 | MONTH | 1                   | 1                    | 1                   | 1                    | 1                   | 1                   | 1                   |
| COMMISSION YEAR                  | YEAR  | 2100                | 2100                 | 2100                | 2100                 | 2100                | 2100                | 2100                |
| DEFERRAL PRIORITY                |       | 0                   | 0                    | 0                   | 0                    | 0                   | 0                   | 0                   |
| DISPATCH LAMBDA OPTION           |       | 0                   | 0                    | 0                   | 0                    | 0                   | 0                   | 0                   |
| EFFICIENT HEAT RATE OPTION       |       | 0                   | 0                    | 0                   | 0                    | 0                   | 0                   | 0                   |
| ESCALATION ANCILLARY REVENUE     |       |                     |                      |                     |                      |                     |                     |                     |
| ESCALATION BID PRICE AT INCREMEN |       |                     |                      |                     |                      |                     |                     |                     |
| ESCALATION BID PRICE AT MINIMUM  |       |                     |                      |                     |                      |                     |                     |                     |
| ESCALATION CAPACITY REVENUE      |       |                     |                      |                     |                      |                     |                     |                     |
| ESCALATION CAPITAL COSTS         |       |                     |                      |                     |                      |                     |                     |                     |
| ESCALATION FIXED ANNUAL RATE     |       | FIX0&M              | FIX0&M               |                     | FIX0&M               |                     |                     |                     |

1 A Input Summary.txt

|                                  |       |         |         |          |          |        |          |                                             |
|----------------------------------|-------|---------|---------|----------|----------|--------|----------|---------------------------------------------|
| ESCALATION FIXED COSTS           |       | VARO&M  | VARO&M  | VARO&M   | VARO&M   | VARO&M | VARO&M   | VARO&M                                      |
| ESCALATION FIXED SEASONAL RATE   |       | 0.00    | 0.00    | 0.00     | 0.00     | 0.00   | 0.00     | 0.00                                        |
| ESCALATION VARIABLE COSTS        |       | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00    | 0.00    | 0.00     | 0.00     | 0.00   | 0.00     | 0.00                                        |
| IMMATURE PERIOD                  | YEARS | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| MATURITY YEAR                    | YEAR  | 2100    | 2100    | 1900     | 2100     | 2011   | 2100     | 2100                                        |
| PURCHASE UNIT FLAG               |       | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| RESERVE OF TOTAL UNIT            | %     | 0.00    | 0.00    | 0.00     | 0.00     | 0.00   | 0.00     | 0.00                                        |
| RESERVE OF UPPER SEGMENT         | %     | 0.00    | 0.00    | 0.00     | 100.00   | 100.00 | 100.00   | 100.00                                      |
| RESOURCE TYPE                    |       | C       | C       | C        | C        | C      | C        | C                                           |
| RETIREMENT MONTH                 | MONTH | 12      | 12      | 12       | 12       | 12     | 12       | 12                                          |
| RETIREMENT YEAR                  | YEAR  | 2100    | 2100    | 2100     | 2100     | 2100   | 2100     | 2100                                        |
| SOURCE INDEX NUMBER              |       | 0       | 0       | 0        | 0        | 0      | 117      | 0                                           |
| THERMAL UNIT TYPE                |       |         |         |          |          |        |          |                                             |
| THERMAL UNIT                     |       | 121     | 122     | 126      | 127      | 128    | 129      | 130                                         |
|                                  |       | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR |        | CR1_NGCC | CR2_NGCC                                    |
|                                  |       | 23      | 1       | 5        | 6        | 0      | 1        | 2                                           |
| AIR BASIN POINTER                |       | 1       | 1       | 1        | 1        | 1      | 1        | 1                                           |
| BID PRICE ACCOUNTING FLAG        |       | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| BID PRICE OPTION                 |       | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| COMMISSION MONTH                 | MONTH | 1       | 1       | 1        | 1        | 1      | 1        | 1                                           |
| COMMISSION YEAR                  | YEAR  | 2100    | 2100    | 2100     | 2100     | 0      | 2100     | 2100                                        |
| DEFERRAL PRIORITY                |       | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| DISPATCH LAMBDA OPTION           |       | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| EFFICIENT HEAT RATE OPTION       |       | 0       | 0       | 0        | 0        | 0      | 0        | 0                                           |
| ESCALATION ANCILLARY REVENUE     |       |         |         |          |          |        |          |                                             |
| ESCALATION BID PRICE AT INCREMEN |       |         |         |          |          |        |          |                                             |
| ESCALATION BID PRICE AT MINIMUM  |       |         |         |          |          |        |          |                                             |
| ESCALATION CAPACITY REVENUE      |       |         |         |          |          |        |          |                                             |
| ESCALATION CAPITAL COSTS         |       |         |         |          |          |        |          |                                             |
| ESCALATION FIXED ANNUAL RATE     |       |         |         | FIXO&M   | FIXO&M   |        |          |                                             |
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QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                  |       |          |         |          |          |          |          |          |
|----------------------------------|-------|----------|---------|----------|----------|----------|----------|----------|
| THERMAL UNIT                     |       | 121      | 122     | 126      | 127      | 128      | 129      | 130      |
|                                  |       | BS2_FGD  | BS_BF50 | CSV5_SCR | CSV6_SCR |          | CR1_NGCC | CR2_NGCC |
|                                  |       | 23       | 1       | 5        | 6        | 0        | 1        | 2        |
| ESCALATION FIXED COSTS           |       |          |         |          |          |          |          |          |
| ESCALATION FIXED SEASONAL RATE   |       |          |         |          |          |          |          |          |
| ESCALATION VARIABLE COSTS        |       |          | VARO&M  | VARO&M   | VARO&M   |          | VARO&M   | VARO&M   |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| IMMATURE PERIOD                  | YEARS | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| MATURITY YEAR                    | YEAR  | 2010     | 2100    | 2011     | 2011     | 1900     | 2011     | 2011     |
| PURCHASE UNIT FLAG               |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00  | 100.00   | 100.00   | 100.00   | 100.00   | 100.00   |
| RESOURCE TYPE                    |       | C        | C       | C        | C        | C        | C        | C        |
| RETIREMENT MONTH                 | MONTH | 12       | 12      | 12       | 12       | 12       | 12       | 12       |
| RETIREMENT YEAR                  | YEAR  | 2100     | 2100    | 2100     | 2100     | 2100     | 2100     | 2100     |
| SOURCE INDEX NUMBER              |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| THERMAL UNIT TYPE                |       |          |         |          |          |          |          |          |
| THERMAL UNIT                     |       | 131      | 132     | 133      | 134      | 135      | 136      | 137      |
|                                  |       | MR5_NGCC | MR5_FGD | RP1D_IM  | RP2D_IM  | TAN4_FGD | RP1D_KP  | RP2D_KP  |
|                                  |       | 5        | 5       | 1        | 2        | 4        | 1        | 2        |
| AIR BASIN POINTER                |       | 1        | 1       | 1        | 1        | 1        | 1        | 1        |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| BID PRICE OPTION                 |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| COMMISSION MONTH                 | MONTH | 1        | 1       | 9        | 9        | 1        | 9        | 9        |
| COMMISSION YEAR                  | YEAR  | 2100     | 2100    | 2100     | 2100     | 2100     | 2100     | 2100     |
| DEFERRAL PRIORITY                |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| DISPATCH LAMBDA OPTION           |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| ESCALATION ANCILLARY REVENUE     |       |          |         |          |          |          |          |          |
| ESCALATION BID PRICE AT INCREMEN |       |          |         |          |          |          |          |          |
| ESCALATION BID PRICE AT MINIMUM  |       |          |         |          |          |          |          |          |
| ESCALATION CAPACITY REVENUE      |       |          |         |          |          |          |          |          |
| ESCALATION CAPITAL COSTS         |       |          |         |          |          |          |          |          |
| ESCALATION FIXED ANNUAL RATE     |       |          |         | FIXO&M   |          |          |          |          |
| ESCALATION FIXED COSTS           |       |          |         |          |          |          |          |          |
| ESCALATION FIXED SEASONAL RATE   |       |          |         |          |          |          |          |          |
| ESCALATION VARIABLE COSTS        |       | VARO&M   |         |          |          | VARO&M   |          |          |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| IMMATURE PERIOD                  | YEARS | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| MATURITY YEAR                    | YEAR  | 2011     | 2011    | 2011     | 2011     | 2011     | 2011     | 2011     |
| PURCHASE UNIT FLAG               |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00  | 100.00   | 100.00   | 100.00   | 100.00   | 100.00   |
| RESOURCE TYPE                    |       | C        | C       | C        | C        | C        | C        | C        |
| RETIREMENT MONTH                 | MONTH | 12       | 12      | 12       | 12       | 12       | 12       | 12       |
| RETIREMENT YEAR                  | YEAR  | 2100     | 2100    | 2100     | 2100     | 2100     | 2100     | 2100     |
| SOURCE INDEX NUMBER              |       | 0        | 0       | 0        | 0        | 0        | 0        | 0        |
| THERMAL UNIT TYPE                |       |          |         |          |          |          |          |          |

| 1 A Input Summary.txt            |         |        |         |         |          |          |        |
|----------------------------------|---------|--------|---------|---------|----------|----------|--------|
| THERMAL UNIT                     | 143     | 144    | 152     | 153     | 185      | 186      | 187    |
|                                  | TC4_ESP |        | MTN_18% | RP1D_03 | RP1TR_IM | RP2TR_IM |        |
|                                  | 0       | 4      | 0       | 1       | 1        | 1        | 2      |
| AIR BASIN POINTER                | 1       | 1      | 1       | 1       | 1        | 1        | 1      |
| BID PRICE ACCOUNTING FLAG        | 0       | 0      | 0       | 0       | 0        | 0        | 0      |
| BID PRICE OPTION                 | 0       | 0      | 0       | 0       | 0        | 0        | 0      |
| COMMISSION MONTH                 | 1       | 1      | 1       | 1       | 9        | 1        | 1      |
| COMMISSION YEAR                  | 2100    | 2100   | 0       | 2100    | 2100     | 2100     | 2100   |
| DEFERRAL PRIORITY                | 0       | 0      | 0       | 0       | 0        | 0        | 0      |
| DISPATCH LAMBDA OPTION           | 0       | 0      | 0       | 0       | 0        | 0        | 0      |
| EFFICIENT HEAT RATE OPTION       | 0       | 0      | 0       | 0       | 0        | 0        | 0      |
| ESCALATION ANCILLARY REVENUE     |         |        |         |         |          |          |        |
| ESCALATION BID PRICE AT INCREMEN |         |        |         |         |          |          |        |
| ESCALATION BID PRICE AT MINIMUM  |         |        |         |         |          |          |        |
| ESCALATION CAPACITY REVENUE      |         |        |         |         |          |          |        |
| ESCALATION CAPITAL COSTS         |         |        |         |         |          |          |        |
| ESCALATION FIXED ANNUAL RATE     |         | FIX0&M |         | FIX0&M  |          | FIX0&M   | FIX0&M |
| ESCALATION FIXED COSTS           |         |        |         |         |          |          |        |
| ESCALATION FIXED SEASONAL RATE   |         |        |         |         |          |          |        |
| ESCALATION VARIABLE COSTS        |         | VAR0&M |         | VAR0&M  |          | VAR0&M   | VAR0&M |
| IMMATURE FORCED OUTAGE RATE      | %       | 0.00   | 0.00    | 0.00    | 0.00     | 0.00     | 0.00   |
| IMMATURETY PERIOD                | YEARS   | 0      | 0       | 0       | 0        | 0        | 0      |
| MATURITY YEAR                    | YEAR    | 1900   | 2011    | 2011    | 2011     | 2011     | 2011   |
| PURCHASE UNIT FLAG               |         | 0      | 0       | 0       | 0        | 0        | 0      |
| RESERVE OF TOTAL UNIT            | %       | 0.00   | 0.00    | 0.00    | 0.00     | 0.00     | 0.00   |
| RESERVE OF UPPER SEGMENT         | %       | 100.00 | 100.00  | 100.00  | 100.00   | 100.00   | 100.00 |
| RESOURCE TYPE                    |         | C      | C       | C       | C        | C        | C      |
| RETIREMENT MONTH                 | MONTH   | 12     | 12      | 12      | 12       | 12       | 12     |
| RETIREMENT YEAR                  | YEAR    | 2100   | 2100    | 2100    | 2100     | 2100     | 2100   |
| SOURCE INDEX NUMBER              |         | 0      | 0       | 0       | 0        | 0        | 0      |
| THERMAL UNIT TYPE                |         |        |         |         |          |          |        |

| THERMAL UNIT                     | 188      | 189      | 190      | 191      | 193     | 194     | 195     |
|----------------------------------|----------|----------|----------|----------|---------|---------|---------|
|                                  | RP1TR_KP | RP2TR_KP | T4_TRONA | T4_TRCCR | ML_KP20 | ML_KP20 | ML_KP50 |
|                                  | 1        | 2        | 4        | 4        | 1       | 2       | 1       |
| AIR BASIN POINTER                | 1        | 1        | 1        | 1        | 1       | 1       | 1       |
| BID PRICE ACCOUNTING FLAG        | 0        | 0        | 0        | 0        | 0       | 0       | 0       |
| BID PRICE OPTION                 | 0        | 0        | 0        | 0        | 0       | 0       | 0       |
| COMMISSION MONTH                 | 1        | 1        | 1        | 1        | 1       | 1       | 1       |
| COMMISSION YEAR                  | 2100     | 2100     | 2100     | 2100     | 2100    | 2100    | 2100    |
| DEFERRAL PRIORITY                | 0        | 0        | 0        | 0        | 0       | 0       | 0       |
| DISPATCH LAMBDA OPTION           | 0        | 0        | 0        | 0        | 0       | 0       | 0       |
| EFFICIENT HEAT RATE OPTION       | 0        | 0        | 0        | 0        | 0       | 0       | 0       |
| ESCALATION ANCILLARY REVENUE     |          |          |          |          |         |         |         |
| ESCALATION BID PRICE AT INCREMEN |          |          |          |          |         |         |         |
| ESCALATION BID PRICE AT MINIMUM  |          |          |          |          |         |         |         |
| ESCALATION CAPACITY REVENUE      |          |          |          |          |         |         |         |
| ESCALATION CAPITAL COSTS         |          |          |          |          |         |         |         |
| ESCALATION FIXED ANNUAL RATE     |          | FIX0&M   | FIX0&M   |          |         |         |         |
| ESCALATION FIXED COSTS           |          |          |          |          |         |         |         |
| ESCALATION FIXED SEASONAL RATE   |          |          |          |          |         |         |         |
| ESCALATION VARIABLE COSTS        |          | VAR0&M   | VAR0&M   | VAR0&M   |         |         |         |
| IMMATURE FORCED OUTAGE RATE      | %        | 0.00     | 0.00     | 0.00     | 0.00    | 0.00    | 0.00    |
| IMMATURETY PERIOD                | YEARS    | 0        | 0        | 0        | 0       | 0       | 0       |
| MATURITY YEAR                    | YEAR     | 2011     | 2011     | 2011     | 2011    | 2011    | 2011    |
| PURCHASE UNIT FLAG               |          | 0        | 0        | 0        | 0       | 0       | 0       |
| RESERVE OF TOTAL UNIT            | %        | 0.00     | 0.00     | 0.00     | 0.00    | 0.00    | 0.00    |
| RESERVE OF UPPER SEGMENT         | %        | 100.00   | 100.00   | 100.00   | 100.00  | 100.00  | 100.00  |
| RESOURCE TYPE                    |          | C        | C        | C        | C       | C       | C       |
| RETIREMENT MONTH                 | MONTH    | 12       | 12       | 12       | 12      | 12      | 12      |
| RETIREMENT YEAR                  | YEAR     | 2100     | 2100     | 2100     | 2100    | 2100    | 2100    |
| SOURCE INDEX NUMBER              |          | 0        | 0        | 190      | 0       | 0       | 0       |
| THERMAL UNIT TYPE                |          |          |          |          |         |         |         |

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     | 196     | 330  | 331  | 332  | 333  | 335  | 336  |
|----------------------------------|---------|------|------|------|------|------|------|
|                                  | ML_KP50 |      |      |      |      |      |      |
|                                  | 2       | 0    | 0    | 0    | 0    | 0    | 0    |
| AIR BASIN POINTER                | 1       | 1    | 1    | 1    | 1    | 1    | 1    |
| BID PRICE ACCOUNTING FLAG        | 0       | 0    | 0    | 0    | 0    | 0    | 0    |
| BID PRICE OPTION                 | 0       | 0    | 0    | 0    | 0    | 0    | 0    |
| COMMISSION MONTH                 | 1       | 1    | 1    | 1    | 1    | 1    | 1    |
| COMMISSION YEAR                  | 2100    | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| DEFERRAL PRIORITY                | 0       | 0    | 0    | 0    | 0    | 0    | 0    |
| DISPATCH LAMBDA OPTION           | 0       | 0    | 0    | 0    | 0    | 0    | 0    |
| EFFICIENT HEAT RATE OPTION       | 0       | 0    | 0    | 0    | 0    | 0    | 0    |
| ESCALATION ANCILLARY REVENUE     |         |      |      |      |      |      |      |
| ESCALATION BID PRICE AT INCREMEN |         |      |      |      |      |      |      |
| ESCALATION BID PRICE AT MINIMUM  |         |      |      |      |      |      |      |
| ESCALATION CAPACITY REVENUE      |         |      |      |      |      |      |      |
| ESCALATION CAPITAL COSTS         |         |      |      |      |      |      |      |
| ESCALATION FIXED ANNUAL RATE     |         |      |      |      |      |      |      |
| ESCALATION FIXED COSTS           |         |      |      |      |      |      |      |
| ESCALATION FIXED SEASONAL RATE   |         |      |      |      |      |      |      |
| ESCALATION VARIABLE COSTS        |         |      |      |      |      |      |      |
| IMMATURE FORCED OUTAGE RATE      | %       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 1 A Input Summary.txt

|                          |       |        |        |        |        |        |        |
|--------------------------|-------|--------|--------|--------|--------|--------|--------|
| IMMATURITY PERIOD        | YEARS | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR            | YEAR  | 2011   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG       |       | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT    | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE            |       | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH         | MONTH | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR          | YEAR  | 2100   | 9999   | 9999   | 9999   | 9999   | 9999   |
| SOURCE INDEX NUMBER      |       | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE        |       |        |        |        |        |        |        |

|              |     |     |     |     |     |     |     |
|--------------|-----|-----|-----|-----|-----|-----|-----|
| THERMAL UNIT | 337 | 338 | 339 | 340 | 341 | 342 | 343 |
|--------------|-----|-----|-----|-----|-----|-----|-----|

|                                  |       |        |        |        |        |        |        |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURITY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 9999   | 9999   | 9999   | 9999   | 9999   | 9999   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |

|              |     |     |     |     |     |     |     |
|--------------|-----|-----|-----|-----|-----|-----|-----|
| THERMAL UNIT | 344 | 345 | 346 | 347 | 348 | 349 | 350 |
|--------------|-----|-----|-----|-----|-----|-----|-----|

|                                  |       |        |        |        |        |        |        |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURITY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 9999   | 9999   | 9999   | 9999   | 9999   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |

|              |     |     |     |     |     |     |     |
|--------------|-----|-----|-----|-----|-----|-----|-----|
| THERMAL UNIT | 351 | 352 | 353 | 354 | 355 | 356 | 357 |
|--------------|-----|-----|-----|-----|-----|-----|-----|

|                                  |       |      |      |      |      |      |      |
|----------------------------------|-------|------|------|------|------|------|------|
|                                  |       | 0    | 0    | 0    | 0    | 0    | 0    |
| AIR BASIN POINTER                |       | 1    | 1    | 1    | 1    | 1    | 1    |
| BID PRICE ACCOUNTING FLAG        |       | 0    | 0    | 0    | 0    | 0    | 0    |
| BID PRICE OPTION                 |       | 0    | 0    | 0    | 0    | 0    | 0    |
| COMMISSION MONTH                 | MONTH | 1    | 1    | 1    | 1    | 1    | 1    |
| COMMISSION YEAR                  | YEAR  | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| DEFERRAL PRIORITY                |       | 0    | 0    | 0    | 0    | 0    | 0    |
| DISPATCH LAMBDA OPTION           |       | 0    | 0    | 0    | 0    | 0    | 0    |
| EFFICIENT HEAT RATE OPTION       |       | 0    | 0    | 0    | 0    | 0    | 0    |
| ESCALATION ANCILLARY REVENUE     |       |      |      |      |      |      |      |
| ESCALATION BID PRICE AT INCREMEN |       |      |      |      |      |      |      |
| ESCALATION BID PRICE AT MINIMUM  |       |      |      |      |      |      |      |
| ESCALATION CAPACITY REVENUE      |       |      |      |      |      |      |      |
| ESCALATION CAPITAL COSTS         |       |      |      |      |      |      |      |
| ESCALATION FIXED ANNUAL RATE     |       |      |      |      |      |      |      |

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |       | 351    | 352    | 353    | 354    | 355    | 356    | 357    |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |
| THERMAL UNIT                     |       | 358    | 359    | 360    | 361    | 362    | 363    | 365    |
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |
| THERMAL UNIT                     |       | 366    | 367    | 368    | 369    | 370    | 371    | 372    |
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |

|                                  |       | 1 A Input Summary.txt |        |        |        |                                             |        |        |
|----------------------------------|-------|-----------------------|--------|--------|--------|---------------------------------------------|--------|--------|
| THERMAL UNIT                     |       | 373                   | 374    | 375    | 376    | 377                                         | 378    | 379    |
|                                  |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| AIR BASIN POINTER                |       | 1                     | 1      | 1      | 1      | 1                                           | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| BID PRICE OPTION                 |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1                     | 1      | 1      | 1      | 1                                           | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100                  | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |                       |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |                       |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |                       |        |        |        |                                             |        |        |
| ESCALATION CAPACITY REVENUE      |       |                       |        |        |        |                                             |        |        |
| ESCALATION CAPITAL COSTS         |       |                       |        |        |        |                                             |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |                       |        |        |        |                                             |        |        |
| ESCALATION FIXED COSTS           |       |                       |        |        |        |                                             |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |                       |        |        |        |                                             |        |        |
| ESCALATION VARIABLE COSTS        |       |                       |        |        |        |                                             |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00                                        | 0.00   | 0.00   |
| IMMATURETY PERIOD                | YEARS | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900                  | 1900   | 1900   | 1900   | 1900                                        | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00                                        | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00                | 100.00 | 100.00 | 100.00 | 100.00                                      | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C                     | C      | C      | C      | C                                           | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12                    | 12     | 12     | 12     | 12                                          | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100                  | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0                     | 0      | 0      | 0      | 0                                           | 0      | 0      |
| THERMAL UNIT TYPE                |       |                       |        |        |        |                                             |        |        |
| * 02/12/13 08:27:03 V04.0 R03.0  |       |                       |        |        |        | NewEnergy Associates<br>Strategist Page 261 |        |        |

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |       | 380    | 381    | 382    | 383    | 384    | 385    | 390    |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURETY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |
|                                  |       | 391    | 392    | 393    | 394    | 395    | 396    | 397    |
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |

|                                  |       |        |        |        |        |                                             |        |        |
|----------------------------------|-------|--------|--------|--------|--------|---------------------------------------------|--------|--------|
| 1 A Input Summary.txt            |       |        |        |        |        |                                             |        |        |
| IMMATURITY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900                                        | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00                                        | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00                                      | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C                                           | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12                                          | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |                                             |        |        |
|                                  |       |        |        |        |        |                                             |        |        |
| THERMAL UNIT                     |       | 398    | 399    | 400    | 401    | 402                                         | 403    | 404    |
|                                  |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1                                           | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1                                           | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |                                             |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |                                             |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |                                             |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |                                             |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |                                             |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |                                             |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |                                             |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00                                        | 0.00   | 0.00   |
| IMMATURITY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900                                        | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00                                        | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00                                      | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C                                           | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12                                          | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |                                             |        |        |
|                                  |       |        |        |        |        |                                             |        |        |
| THERMAL UNIT                     |       | 405    | 406    | 407    | 408    | 409                                         | 410    | 411    |
|                                  |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1                                           | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1                                           | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |                                             |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |                                             |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |                                             |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |                                             |        |        |
| * 02/12/13 08:27:03 V04.0 R03.0  |       |        |        |        |        | NewEnergy Associates<br>Strategist Page 262 |        |        |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                |       |        |        |        |        |        |        |        |
|--------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| THERMAL UNIT                   |       | 405    | 406    | 407    | 408    | 409    | 410    | 411    |
|                                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION FIXED COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS      |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE    | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURITY PERIOD              | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                  | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG             |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT          | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT       | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                  |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH               | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER            |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE              |       |        |        |        |        |        |        |        |
|                                |       |        |        |        |        |        |        |        |
| THERMAL UNIT                   |       | 412    | 413    | 414    | 415    | 416    | 417    | 418    |
|                                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |



## 1 A Input Summary.txt

|                                  |       |        |        |        |        |        |        |        |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |

|              |     |     |     |     |     |     |     |
|--------------|-----|-----|-----|-----|-----|-----|-----|
| THERMAL UNIT | 419 | 420 | 421 | 422 | 423 | 424 | 425 |
|--------------|-----|-----|-----|-----|-----|-----|-----|

|  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|

|                                  |       |        |        |        |        |        |        |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |

|              |     |     |     |     |     |     |     |
|--------------|-----|-----|-----|-----|-----|-----|-----|
| THERMAL UNIT | 426 | 427 | 428 | 429 | 430 | 431 | 432 |
|--------------|-----|-----|-----|-----|-----|-----|-----|

|  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|

|                                  |       |        |        |        |        |        |        |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |

1 A Input Summary.txt

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |       | 433    | 435    | 436    | 437    | 438    | 440    | 441    |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURETY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |

| THERMAL UNIT                     |       | 442    | 443    | 444    | 445    | 447    | 449    | 450    |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURETY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |

| THERMAL UNIT                     |       | 451  | 452  | 453  | 454  | 455  | 456  | 457  |
|----------------------------------|-------|------|------|------|------|------|------|------|
|                                  |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| AIR BASIN POINTER                |       | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| BID PRICE ACCOUNTING FLAG        |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| BID PRICE OPTION                 |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| COMMISSION MONTH                 | MONTH | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| COMMISSION YEAR                  | YEAR  | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| DEFERRAL PRIORITY                |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| DISPATCH LAMBDA OPTION           |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| EFFICIENT HEAT RATE OPTION       |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ESCALATION ANCILLARY REVENUE     |       |      |      |      |      |      |      |      |
| ESCALATION BID PRICE AT INCREMEN |       |      |      |      |      |      |      |      |
| ESCALATION BID PRICE AT MINIMUM  |       |      |      |      |      |      |      |      |
| ESCALATION CAPACITY REVENUE      |       |      |      |      |      |      |      |      |
| ESCALATION CAPITAL COSTS         |       |      |      |      |      |      |      |      |
| ESCALATION FIXED ANNUAL RATE     |       |      |      |      |      |      |      |      |
| ESCALATION FIXED COSTS           |       |      |      |      |      |      |      |      |
| ESCALATION FIXED SEASONAL RATE   |       |      |      |      |      |      |      |      |
| ESCALATION VARIABLE COSTS        |       |      |      |      |      |      |      |      |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 1 A Input Summary.txt            |       |        |        |        |        |                                             |        |        |
|----------------------------------|-------|--------|--------|--------|--------|---------------------------------------------|--------|--------|
| IMMATURITY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900                                        | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00                                        | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00                                      | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C                                           | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12                                          | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |                                             |        |        |
| THERMAL UNIT                     |       | 460    | 461    | 462    | 463    | 465                                         | 466    | 467    |
|                                  |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1                                           | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1                                           | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100                                        | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0                                           | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |                                             |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |                                             |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |                                             |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |                                             |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |                                             |        |        |
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                  |       |        |        |        |        |        |        |        |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| THERMAL UNIT                     |       | 460    | 461    | 462    | 463    | 465    | 466    | 467    |
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURITY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |
| THERMAL UNIT                     |       | 468    | 469    | 470    | 472    | 474    | 475    | 476    |
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURITY PERIOD                | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |
| THERMAL UNIT                     |       | 477    | 478    | 479    | 480    | 481    | 482    | 484    |
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

|                                  |       | 1 A Input Summary.txt |        |        |        |        |        |        |
|----------------------------------|-------|-----------------------|--------|--------|--------|--------|--------|--------|
| AIR BASIN POINTER                |       | 1                     | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1                     | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100                  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |                       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |                       |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |                       |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |                       |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |                       |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |                       |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |                       |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |                       |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |                       |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900                  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00                  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00                | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C                     | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12                    | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100                  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0                     | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |                       |        |        |        |        |        |        |

|                                  |       | 485    | 486    | 487    | 488    | 490    | 491    | 493    |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| THERMAL UNIT                     |       | 485    | 486    | 487    | 488    | 490    | 491    | 493    |
|                                  |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMBDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   | 1900   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |

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GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                  |       | 494  | 495  | 496  | 497  | 500      | 501      | 502      |
|----------------------------------|-------|------|------|------|------|----------|----------|----------|
|                                  |       |      |      |      |      | DUMMY_OP | DUMMY_IM | DUMMY_AP |
| THERMAL UNIT                     |       | 494  | 495  | 496  | 497  | 500      | 501      | 502      |
|                                  |       | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| AIR BASIN POINTER                |       | 1    | 1    | 1    | 1    | 1        | 1        | 1        |
| BID PRICE ACCOUNTING FLAG        |       | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| BID PRICE OPTION                 |       | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| COMMISSION MONTH                 | MONTH | 1    | 1    | 1    | 1    | 6        | 6        | 1        |
| COMMISSION YEAR                  | YEAR  | 2100 | 2100 | 2100 | 2100 | 2100     | 2100     | 2100     |
| DEFERRAL PRIORITY                |       | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| DISPATCH LAMBDA OPTION           |       | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| EFFICIENT HEAT RATE OPTION       |       | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| ESCALATION ANCILLARY REVENUE     |       |      |      |      |      |          |          |          |
| ESCALATION BID PRICE AT INCREMEN |       |      |      |      |      |          |          |          |
| ESCALATION BID PRICE AT MINIMUM  |       |      |      |      |      |          |          |          |
| ESCALATION CAPACITY REVENUE      |       |      |      |      |      |          |          |          |
| ESCALATION CAPITAL COSTS         |       |      |      |      |      |          |          |          |
| ESCALATION FIXED ANNUAL RATE     |       |      |      |      |      |          |          |          |
| ESCALATION FIXED COSTS           |       |      |      |      |      |          |          |          |
| ESCALATION FIXED SEASONAL RATE   |       |      |      |      |      |          |          |          |
| ESCALATION VARIABLE COSTS        |       |      |      |      |      |          |          |          |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00     | 0.00     | 0.00     |
| IMMATURE PERIOD                  | YEARS | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| MATURITY YEAR                    | YEAR  | 1900 | 1900 | 1900 | 1900 | 1900     | 1900     | 1900     |
| PURCHASE UNIT FLAG               |       | 0    | 0    | 0    | 0    | 0        | 0        | 0        |
| RESERVE OF TOTAL UNIT            | %     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00     | 0.00     | 0.00     |

| 1 A Input Summary.txt    |       |        |        |        |        |        |        |
|--------------------------|-------|--------|--------|--------|--------|--------|--------|
| RESERVE OF UPPER SEGMENT | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE            | C     | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH         | MONTH | 12     | 12     | 12     | 12     | 12     | 12     |
| RETIREMENT YEAR          | YEAR  | 2100   | 2100   | 2100   | 2100   | 2100   | 2100   |
| SOURCE INDEX NUMBER      |       | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE        |       |        |        |        |        |        |        |

| THERMAL UNIT                     |       | 503      | 957     | 958     | 959      | 960      | 961      | 962     |
|----------------------------------|-------|----------|---------|---------|----------|----------|----------|---------|
|                                  |       | DUMMY_KP | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS2_FGD |
|                                  |       | 0        | 957     | 958     | 959      | 960      | 961      | 962     |
| AIR BASIN POINTER                |       | 1        | 1       | 1       | 1        | 1        | 1        | 1       |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| BID PRICE OPTION                 |       | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| COMMISSION MONTH                 | MONTH | 6        | 1       | 1       | 1        | 1        | 1        | 6       |
| COMMISSION YEAR                  | YEAR  | 2100     | 2020    | 2020    | 2020     | 2020     | 2018     | 2017    |
| DEFERRAL PRIORITY                |       | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| DISPATCH LAMBDA OPTION           |       | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| ESCALATION ANCILLARY REVENUE     |       |          |         |         |          |          |          |         |
| ESCALATION BID PRICE AT INCREMEN |       |          |         |         |          |          |          |         |
| ESCALATION BID PRICE AT MINIMUM  |       |          |         |         |          |          |          |         |
| ESCALATION CAPACITY REVENUE      |       |          |         |         |          |          |          |         |
| ESCALATION CAPITAL COSTS         |       |          |         |         |          |          |          |         |
| ESCALATION FIXED ANNUAL RATE     |       |          |         |         | FIX0&M   | FIX0&M   |          |         |
| ESCALATION FIXED COSTS           |       |          |         |         |          |          |          |         |
| ESCALATION FIXED SEASONAL RATE   |       |          |         |         |          |          |          |         |
| ESCALATION VARIABLE COSTS        |       |          |         |         | VAR0&M   | VAR0&M   |          |         |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00    | 0.00    | 0.00     | 0.00     | 0.00     | 0.00    |
| IMMATURETY PERIOD                | YEARS | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| MATURITY YEAR                    | YEAR  | 1900     | 2020    | 2020    | 2020     | 2020     | 2018     | 2017    |
| PURCHASE UNIT FLAG               |       | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00    | 0.00    | 0.00     | 0.00     | 0.00     | 0.00    |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00  | 100.00  | 100.00   | 100.00   | 100.00   | 100.00  |
| RESOURCE TYPE                    | C     | C        | C       | C       | C        | C        | C        | C       |
| RETIREMENT MONTH                 | MONTH | 12       | 12      | 12      | 12       | 12       | 12       | 5       |
| RETIREMENT YEAR                  | YEAR  | 2100     | 2049    | 2049    | 2049     | 2049     | 2018     | 2047    |
| SOURCE INDEX NUMBER              |       | 0        | 0       | 0       | 0        | 0        | 0        | 0       |
| THERMAL UNIT TYPE                |       |          |         |         |          |          |          |         |

| THERMAL UNIT                     |       | 963      | 964     | 965     | 966      | 967      | 968      | 969      |
|----------------------------------|-------|----------|---------|---------|----------|----------|----------|----------|
|                                  |       | DUMMY_KP | RP1D_KP | RP1D_03 | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP |
|                                  |       | 963      | 964     | 965     | 966      | 967      | 968      | 969      |
| AIR BASIN POINTER                |       | 1        | 1       | 1       | 1        | 1        | 1        | 1        |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| BID PRICE OPTION                 |       | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| COMMISSION MONTH                 | MONTH | 6        | 1       | 1       | 1        | 1        | 1        | 4        |
| COMMISSION YEAR                  | YEAR  | 2017     | 2016    | 2016    | 2015     | 2015     | 2015     | 2015     |
| DEFERRAL PRIORITY                |       | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| DISPATCH LAMBDA OPTION           |       | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| ESCALATION ANCILLARY REVENUE     |       |          |         |         |          |          |          |          |
| ESCALATION BID PRICE AT INCREMEN |       |          |         |         |          |          |          |          |
| ESCALATION BID PRICE AT MINIMUM  |       |          |         |         |          |          |          |          |
| ESCALATION CAPACITY REVENUE      |       |          |         |         |          |          |          |          |
| ESCALATION CAPITAL COSTS         |       |          |         |         |          |          |          |          |
| ESCALATION FIXED ANNUAL RATE     |       |          |         |         |          |          |          | FIX0&M   |
| ESCALATION FIXED COSTS           |       |          |         |         |          |          |          |          |
| ESCALATION FIXED SEASONAL RATE   |       |          |         |         |          |          |          |          |
| ESCALATION VARIABLE COSTS        |       |          |         |         | VAR0&M   | VAR0&M   | VAR0&M   |          |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00     | 0.00    | 0.00    | 0.00     | 0.00     | 0.00     | 0.00     |
| IMMATURETY PERIOD                | YEARS | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| MATURITY YEAR                    | YEAR  | 2017     | 2016    | 2016    | 2015     | 2015     | 2015     | 2015     |
| PURCHASE UNIT FLAG               |       | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| RESERVE OF TOTAL UNIT            | %     | 0.00     | 0.00    | 0.00    | 0.00     | 0.00     | 0.00     | 0.00     |
| RESERVE OF UPPER SEGMENT         | %     | 100.00   | 100.00  | 100.00  | 100.00   | 100.00   | 100.00   | 100.00   |
| RESOURCE TYPE                    |       | C        | C       | C       | C        | C        | C        | C        |
| RETIREMENT MONTH                 | MONTH | 5        | 12      | 12      | 12       | 12       | 12       | 12       |
| RETIREMENT YEAR                  | YEAR  | 2018     | 2045    | 2045    | 2044     | 2044     | 2044     | 2019     |
| SOURCE INDEX NUMBER              |       | 0        | 0       | 0       | 0        | 0        | 0        | 0        |
| THERMAL UNIT TYPE                |       |          |         |         |          |          |          |          |

| THERMAL UNIT                     |       | 970      | 971      | 972      | 973      | 974      | 975      | 976      |
|----------------------------------|-------|----------|----------|----------|----------|----------|----------|----------|
|                                  |       | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
|                                  |       | 970      | 971      | 972      | 973      | 974      | 975      | 976      |
| AIR BASIN POINTER                |       | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| BID PRICE ACCOUNTING FLAG        |       | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| BID PRICE OPTION                 |       | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| COMMISSION MONTH                 | MONTH | 4        | 1        | 1        | 1        | 1        | 1        | 1        |
| COMMISSION YEAR                  | YEAR  | 2015     | 2015     | 2015     | 2015     | 2015     | 2015     | 2015     |
| DEFERRAL PRIORITY                |       | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| DISPATCH LAMBDA OPTION           |       | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| EFFICIENT HEAT RATE OPTION       |       | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| ESCALATION ANCILLARY REVENUE     |       |          |          |          |          |          |          |          |
| ESCALATION BID PRICE AT INCREMEN |       |          |          |          |          |          |          |          |
| ESCALATION BID PRICE AT MINIMUM  |       |          |          |          |          |          |          |          |
| ESCALATION CAPACITY REVENUE      |       |          |          |          |          |          |          |          |
| ESCALATION CAPITAL COSTS         |       |          |          |          |          |          |          |          |
| ESCALATION FIXED ANNUAL RATE     |       | FIX0&M   |          |          |          |          |          |          |

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1 A Input Summary.txt  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                   |       | 970<br>RP2TR_IH<br>970 | 971<br>DUMMY_OP<br>971 | 972<br>DUMMY_OP<br>972 | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 |
|--------------------------------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ESCALATION FIXED COSTS         |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION FIXED SEASONAL RATE |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION VARIABLE COSTS      |       | VARO&M                 |                        |                        |                        |                        |                        |                        |
| IMMATURE FORCED OUTAGE RATE    | %     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| IMMATURE PERIOD                | YEARS | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MATURITY YEAR                  | YEAR  | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   |
| PURCHASE UNIT FLAG             |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| RESERVE OF TOTAL UNIT          | %     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| RESERVE OF UPPER SEGMENT       | %     | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 |
| RESOURCE TYPE                  |       | C                      | C                      | C                      | C                      | C                      | C                      | C                      |
| RETIREMENT MONTH               | MONTH | 12                     | 12                     | 12                     | 12                     | 12                     | 12                     | 12                     |
| RETIREMENT YEAR                | YEAR  | 2019                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   |
| SOURCE INDEX NUMBER            |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| THERMAL UNIT TYPE              |       |                        |                        |                        |                        |                        |                        |                        |

| THERMAL UNIT                     |       | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 | 980<br>DUMMY_OP<br>980 | 981<br>DUMMY_OP<br>981 | 982<br>DUMMY_OP<br>982 | 983<br>DUMMY_OP<br>983 |
|----------------------------------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| AIR BASIN POINTER                |       | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      |
| BID PRICE ACCOUNTING FLAG        |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| BID PRICE OPTION                 |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| COMMISSION MONTH                 | MONTH | 1                      | 1                      | 6                      | 1                      | 1                      | 1                      | 1                      |
| COMMISSION YEAR                  | YEAR  | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   |
| DEFERRAL PRIORITY                |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| DISPATCH LAMBDA OPTION           |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| EFFICIENT HEAT RATE OPTION       |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| ESCALATION ANCILLARY REVENUE     |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION BID PRICE AT INCREMEN |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION BID PRICE AT MINIMUM  |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION CAPACITY REVENUE      |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION CAPITAL COSTS         |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION FIXED ANNUAL RATE     |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION FIXED COSTS           |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION FIXED SEASONAL RATE   |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION VARIABLE COSTS        |       |                        |                        |                        |                        |                        |                        |                        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| IMMATURE PERIOD                  | YEARS | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MATURITY YEAR                    | YEAR  | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   |
| PURCHASE UNIT FLAG               |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| RESERVE OF TOTAL UNIT            | %     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 |
| RESOURCE TYPE                    |       | C                      | C                      | C                      | C                      | C                      | C                      | C                      |
| RETIREMENT MONTH                 | MONTH | 12                     | 12                     | 5                      | 12                     | 12                     | 12                     | 12                     |
| RETIREMENT YEAR                  | YEAR  | 2015                   | 2015                   | 2016                   | 2015                   | 2015                   | 2015                   | 2015                   |
| SOURCE INDEX NUMBER              |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| THERMAL UNIT TYPE                |       |                        |                        |                        |                        |                        |                        |                        |

| THERMAL UNIT                     |       | 984<br>DUMMY_OP<br>984 | 985<br>DUMMY_OP<br>985 | 986<br>DUMMY_OP<br>986 | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 |
|----------------------------------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| AIR BASIN POINTER                |       | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      |
| BID PRICE ACCOUNTING FLAG        |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| BID PRICE OPTION                 |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| COMMISSION MONTH                 | MONTH | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      |
| COMMISSION YEAR                  | YEAR  | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   |
| DEFERRAL PRIORITY                |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| DISPATCH LAMBDA OPTION           |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| EFFICIENT HEAT RATE OPTION       |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| ESCALATION ANCILLARY REVENUE     |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION BID PRICE AT INCREMEN |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION BID PRICE AT MINIMUM  |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION CAPACITY REVENUE      |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION CAPITAL COSTS         |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION FIXED ANNUAL RATE     |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION FIXED COSTS           |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION FIXED SEASONAL RATE   |       |                        |                        |                        |                        |                        |                        |                        |
| ESCALATION VARIABLE COSTS        |       |                        |                        |                        |                        |                        |                        |                        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| IMMATURE PERIOD                  | YEARS | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MATURITY YEAR                    | YEAR  | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   |
| PURCHASE UNIT FLAG               |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| RESERVE OF TOTAL UNIT            | %     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 |
| RESOURCE TYPE                    |       | C                      | C                      | C                      | C                      | C                      | C                      | C                      |
| RETIREMENT MONTH                 | MONTH | 12                     | 12                     | 12                     | 12                     | 12                     | 12                     | 12                     |
| RETIREMENT YEAR                  | YEAR  | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   | 2015                   |
| SOURCE INDEX NUMBER              |       | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| THERMAL UNIT TYPE                |       |                        |                        |                        |                        |                        |                        |                        |

| THERMAL UNIT |  | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 | 994<br>DUMMY_OP<br>994 | 995<br>DUMMY_OP<br>995 | 996<br>ML_KP20<br>996 | 997<br>ML_KP20<br>997 |
|--------------|--|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|
|--------------|--|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|

1 A Input Summary.txt

|                                  |       |        |        |        |        |        |        |        |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| AIR BASIN POINTER                |       | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| BID PRICE ACCOUNTING FLAG        |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BID PRICE OPTION                 |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| COMMISSION MONTH                 | MONTH | 1      | 1      | 1      | 6      | 1      | 1      | 1      |
| COMMISSION YEAR                  | YEAR  | 2015   | 2015   | 2015   | 2015   | 2015   | 2014   | 2014   |
| DEFERRAL PRIORITY                |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| DISPATCH LAMEDA OPTION           |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EFFICIENT HEAT RATE OPTION       |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ESCALATION ANCILLARY REVENUE     |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT INCREMEN |       |        |        |        |        |        |        |        |
| ESCALATION BID PRICE AT MINIMUM  |       |        |        |        |        |        |        |        |
| ESCALATION CAPACITY REVENUE      |       |        |        |        |        |        |        |        |
| ESCALATION CAPITAL COSTS         |       |        |        |        |        |        |        |        |
| ESCALATION FIXED ANNUAL RATE     |       |        |        |        |        |        |        |        |
| ESCALATION FIXED COSTS           |       |        |        |        |        |        |        |        |
| ESCALATION FIXED SEASONAL RATE   |       |        |        |        |        |        |        |        |
| ESCALATION VARIABLE COSTS        |       |        |        |        |        |        |        |        |
| IMMATURE FORCED OUTAGE RATE      | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| IMMATURE PERIOD                  | YEARS | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| MATURITY YEAR                    | YEAR  | 2015   | 2015   | 2015   | 2015   | 2015   | 2014   | 2014   |
| PURCHASE UNIT FLAG               |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| RESERVE OF TOTAL UNIT            | %     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| RESERVE OF UPPER SEGMENT         | %     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| RESOURCE TYPE                    |       | C      | C      | C      | C      | C      | C      | C      |
| RETIREMENT MONTH                 | MONTH | 12     | 12     | 12     | 5      | 12     | 12     | 12     |
| RETIREMENT YEAR                  | YEAR  | 2015   | 2015   | 2015   | 2016   | 2015   | 2043   | 2043   |
| SOURCE INDEX NUMBER              |       | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| THERMAL UNIT TYPE                |       |        |        |        |        |        |        |        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     | 998<br>T4_TRONA<br>998 | 999<br>DUMMY_OP<br>999 |
|----------------------------------|------------------------|------------------------|
| AIR BASIN POINTER                | 1                      | 1                      |
| BID PRICE ACCOUNTING FLAG        | 0                      | 0                      |
| BID PRICE OPTION                 | 0                      | 0                      |
| COMMISSION MONTH                 | MONTH                  | 1                      |
| COMMISSION YEAR                  | YEAR                   | 2014                   |
| DEFERRAL PRIORITY                | 0                      | 0                      |
| DISPATCH LAMEDA OPTION           | 0                      | 0                      |
| EFFICIENT HEAT RATE OPTION       | 0                      | 0                      |
| ESCALATION ANCILLARY REVENUE     |                        |                        |
| ESCALATION BID PRICE AT INCREMEN |                        |                        |
| ESCALATION BID PRICE AT MINIMUM  |                        |                        |
| ESCALATION CAPACITY REVENUE      |                        |                        |
| ESCALATION CAPITAL COSTS         |                        |                        |
| ESCALATION FIXED ANNUAL RATE     |                        |                        |
| ESCALATION FIXED COSTS           |                        |                        |
| ESCALATION FIXED SEASONAL RATE   |                        |                        |
| ESCALATION VARIABLE COSTS        | VARO&M                 |                        |
| IMMATURE FORCED OUTAGE RATE      | %                      | 0.00                   |
| IMMATURE PERIOD                  | YEARS                  | 0                      |
| MATURITY YEAR                    | YEAR                   | 2014                   |
| PURCHASE UNIT FLAG               | 0                      | 0                      |
| RESERVE OF TOTAL UNIT            | %                      | 0.00                   |
| RESERVE OF UPPER SEGMENT         | %                      | 100.00                 |
| RESOURCE TYPE                    | C                      | C                      |
| RETIREMENT MONTH                 | MONTH                  | 12                     |
| RETIREMENT YEAR                  | YEAR                   | 2017                   |
| SOURCE INDEX NUMBER              | 0                      | 0                      |
| THERMAL UNIT TYPE                |                        |                        |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |               |               |                |                |                |                |               |
|---------------------------|---------------|---------------|----------------|----------------|----------------|----------------|---------------|
| SEGMENT EMISSIONS LIBRARY | 1<br>AMOS1_11 | 2<br>AMOS2_11 | 3<br>AMOS3_11  | 4<br>BECK_11   | 5<br>BIG 1_11  | 6<br>BIG 2_11  | 7<br>BIG 2_11 |
| EMISSIONS DATA METHOD     | 1             | 1             | 1              | 1              | 1              | 1              | 1             |
| SEGMENT EMISSIONS LIBRARY | 8<br>CARD1_11 | 9<br>CARD2_11 | 10<br>CARD3_11 | 11<br>CLNR1_11 | 12<br>CLNR2_11 | 13<br>CLNR3_11 | 14<br>CSV3_11 |
| EMISSIONS DATA METHOD     | 1             | 1             | 1              | 1              | 1              | 1              | 1             |
| SEGMENT EMISSIONS LIBRARY | 15<br>CSV4_11 | 16<br>CSV5_11 | 17<br>CSV6_11  | 18<br>GAV1_11  | 19<br>GAV2_11  | 20<br>GLN5_11  | 21<br>GLN6_11 |
| EMISSIONS DATA METHOD     | 1             | 1             | 1              | 1              | 1              | 1              | 1             |

|                           | 22      | 23      | 24      | 25       | 26       | 27       | 28      |
|---------------------------|---------|---------|---------|----------|----------|----------|---------|
| SEGMENT EMISSIONS LIBRARY | KMR1_11 | KMR2_11 | KMR3_11 | KNWH1_11 | KNWH2_11 | SP3_SNCR | MTN_18% |
| EMISSIONS DATA METHOD     | 1       | 1       | 1       | 1        | 1        | 1        | 1       |
| SEGMENT EMISSIONS LIBRARY | 29      | 30      | 31      | 32       | 33       | 34       | 35      |
| EMISSIONS DATA METHOD     | 1       | 1       | 1       | 1        | 1        | 1        | 1       |
| SEGMENT EMISSIONS LIBRARY | 36      | 37      | 38      | 39       | 40       | 41       | 42      |
| EMISSIONS DATA METHOD     | 1       | 1       | 1       | 1        | 1        | 1        | 1       |
| SEGMENT EMISSIONS LIBRARY | 43      | 44      | 45      | 46       | 47       | 48       | 49      |
| EMISSIONS DATA METHOD     | 1       | 1       | 1       | 1        | 1        | 1        | 1       |
| SEGMENT EMISSIONS LIBRARY | 50      | 51      | 52      | 53       | 54       | 55       | 56      |
| EMISSIONS DATA METHOD     | 1       | 1       | 1       | 1        | 1        | 1        | 1       |
| SEGMENT EMISSIONS LIBRARY | 57      | 58      | 59      | 60       | 61       | 62       | 63      |
| EMISSIONS DATA METHOD     | 1       | 1       | 1       | 1        | 1        | 1        | 1       |
| SEGMENT EMISSIONS LIBRARY | 64      | 65      | 66      | 67       | 68       | 69       | 70      |
| EMISSIONS DATA METHOD     | 1       | 1       | 1       | 1        | 1        | 1        | 1       |
| SEGMENT EMISSIONS LIBRARY | 71      |         |         |          |          |          |         |
| EMISSIONS DATA METHOD     | 1       |         |         |          |          |          |         |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |        |        |        |         |         |        |        |
|---------------------------|--------|--------|--------|---------|---------|--------|--------|
| SEGMENT HEAT RATE LIBRARY | 1      | 2      | 3      | 4       | 5       | 6      | 7      |
| HEAT RATE METHOD          | AMS_1D | AMS_2D | AMOS_3 | BECK_6  | BS1_11  | BIGS_2 | CARD_1 |
| SEGMENT HEAT RATE LIBRARY | 8      | 9      | 10     | 11      | 12      | 13     | 14     |
| HEAT RATE METHOD          | CARD_2 | CARD_3 | CLIF_1 | CLIF_2  | CLIF_3  | CLIF_4 | CLIF_5 |
| SEGMENT HEAT RATE LIBRARY | 15     | 16     | 17     | 18      | 19      | 20     | 21     |
| HEAT RATE METHOD          | CLIF_6 | CLIN_1 | CLIN_2 | CLIN_3  | GAV2_11 | AM3_AP | CSVL_3 |
| SEGMENT HEAT RATE LIBRARY | 22     | 23     | 24     | 25      | 26      | 27     | 28     |
| HEAT RATE METHOD          | CSVL_4 | CSVL_5 | CSVL_6 | COOK_1  | COOK_2  | GAVI_1 | GAVI_2 |
| SEGMENT HEAT RATE LIBRARY | 29     | 30     | 31     | 32      | 33      | 34     | 35     |
| HEAT RATE METHOD          | GLEN_5 | GLEN_6 | IGCC_1 | NUCLEAR | KAMM_1  | KAMM_2 | KAMM_3 |
| SEGMENT HEAT RATE LIBRARY | 36     | 37     | 38     | 39      | 40      | 41     | 42     |
| HEAT RATE METHOD          | KANA_1 | KANA_2 | KYGE_1 | KYGE_2  | KYGE_3  | KYGE_4 | KYGE_5 |
| SEGMENT HEAT RATE LIBRARY | 43     | 44     | 45     | 46      | 47      | 48     | 49     |
| HEAT RATE METHOD          | MITC_1 | MITC_2 | MOUN_1 | MUSK_1  | MUSK_2  | MUSK_3 | MUSK_4 |



|                           | 1 A Input Summary.txt |          |          |           |          |          |          |
|---------------------------|-----------------------|----------|----------|-----------|----------|----------|----------|
|                           | 50                    | 51       | 52       | 53        | 54       | 55       | 56       |
| SEGMENT HEAT RATE LIBRARY | MUSK_5                | PSPN_1   | PSPN_2   | PSPN_3    | PSPN_4   | PSPN_5   | PICW_5   |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 57                    | 58       | 59       | 60        | 61       | 62       | 63       |
|                           | BS2_14                | ROCK_1IH | ROCK_2IH | MR5_SI    | STUA_1   | STUA_2   | STUA_3   |
| HEAT RATE METHOD          | 3                     | 2        | 2        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 64                    | 65       | 66       | 67        | 68       | 69       | 70       |
|                           | STUA_4                |          | TANN_1   | TANN_2    | TANN_3   | TANN_4   | ZIMM_1   |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 71                    | 72       | 73       | 74        | 75       | 76       | 77       |
|                           | AM1SI                 | BS2SI    | TN4SI    | ST1SI     | ST2SI    | ST3SI    | ST4SI    |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 78                    | 79       | 80       | 81        | 82       | 83       | 84       |
|                           | MTRSI                 | RK1B10   | RK2B10_L | IGCC_CCS  | RK2B10_F | PC_CCS   | KM8_2_1  |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 2         | 3        | 3        | 1        |
| SEGMENT HEAT RATE LIBRARY | 85                    | 86       | 87       | 88        | 89       | 90       | 91       |
|                           | KM8_2_2               | KM8_2_3  | CL1_P    | CL2_P     | CL3_P    | Tan4_Q   | CERED01  |
| HEAT RATE METHOD          | 1                     | 1        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 92                    | 93       | 94       | 95        | 96       | 97       | 98       |
|                           | CERED02               | CERED03  | CERED04  | CERED05   | CERED06  | RK1_CF   | RK2_CF   |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 99                    | 100      | 101      | 102       | 103      | 104      | 105      |
|                           | TC1_SNCR              | TC2_SNCR | TC3_SNCR | USCPC     | PC_R_CCS | PC_N_CCS |          |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 2         | 2        | 2        | 3        |
| SEGMENT HEAT RATE LIBRARY | 106                   | 107      | 108      | 109       | 110      | 111      | 112      |
|                           | IGCC                  | IGC_RCCS | IGC_NCCS | MR5_SI    | MR5_CF   | SP_3SNCR | SP_4SNCR |
| HEAT RATE METHOD          | 2                     | 2        | 2        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 115                   | 116      | 117      | 118       | 119      | 120      | 122      |
|                           | CARD1_3               | MITC1_2  | MITC2_4  | MOUN1_6   | BS1_14   | BS1_16   | LWBG_CC  |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 1        |
| SEGMENT HEAT RATE LIBRARY | 123                   | 124      | 125      | 126       | 127      | 128      | 129      |
|                           | KMREPOW1              | KMREPOW2 | KMREPOW3 | WATERFD   | W_PC_SUB | W_PC_SUP | W_CFB    |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 1         | 2        | 2        | 2        |
| SEGMENT HEAT RATE LIBRARY | 130                   | 131      | 132      | 133       | 134      | 135      | 136      |
|                           | DRESDEN               | W_CT_SM  | W_CT_LG  | E_PC_SUB  | P_LAWTN  | E_PC_SUP | 2x1GE7FA |
| HEAT RATE METHOD          | 1                     | 2        | 3        | 2         | 2        | 2        | 2        |
| SEGMENT HEAT RATE LIBRARY | 137                   | 138      | 139      | 143       | 144      | 145      | 146      |
|                           | 1x1GE7H               | 2X2GE7H  | BS1_P    | AM3SI     | BS2_D    | CD3_D    | CD2_D    |
| HEAT RATE METHOD          | 2                     | 2        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 147                   | 148      | 149      | 150       | 151      | 152      | 153      |
|                           | TN4_FGD               | MC1_D    | MC2_D    | MN1_10    | MR5_D    | RP1_F    | RP2_F    |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 154                   | 155      | 156      | 157       | 158      | 159      | 160      |
|                           | ST1_D                 | ST2_D    | ST3_D    | ST4_D     | BS2SI    | KN1_A    | KN2_A    |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 3        |
| SEGMENT HEAT RATE LIBRARY | 161                   | 162      | 163      | 164       | 165      | 166      | 167      |
|                           | MONESU20              | MONESUMR | MONEWI20 | MONIEWINT | ROCK1_10 | ROCK2_11 | ROCK1_D  |
| HEAT RATE METHOD          | 3                     | 3        | 3        | 3         | 3        | 3        | 2        |
| SEGMENT HEAT RATE LIBRARY | 168                   | 170      | 171      | 172       | 174      | 175      | 176      |
|                           | ROCK2_D               | AM3_CF   | RK1_SI   | RK2_SI    | AM3_90%  | MTN_90%  | RP1_90%  |

## 1 A Input Summary.txt

|                                                                                |                 |                 |                 |                 |                 |                 |                 |
|--------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| HEAT RATE METHOD                                                               | 2               | 3               | 3               | 3               | 3               | 3               | 3               |
| SEGMENT HEAT RATE LIBRARY                                                      | 177<br>RP2_90%  | 178<br>GV1D_90% | 179<br>GV2_90%  | 180<br>MTN_1.2% | 181<br>MTN_18%  | 182<br>BFCC50%  | 183<br>BFCCWIN  |
| HEAT RATE METHOD                                                               | 3               | 3               | 3               | 3               | 3               | 2               | 2               |
| SEGMENT HEAT RATE LIBRARY                                                      | 184<br>CR1_NGCC | 185<br>CR2_NGCC | 186<br>MR5_NGCC | 187<br>BRPWSMR  | 188<br>BRPWCWIN | 190<br>MTCHL20% | 191<br>MTCHL50% |
| HEAT RATE METHOD                                                               | 3               | 3               | 3               | 2               | 2               | 3               | 3               |
| SEGMENT HEAT RATE LIBRARY                                                      | 192<br>BS1GC    | 193<br>GE7FA.05 |                 |                 |                 |                 |                 |
| HEAT RATE METHOD                                                               | 3               | 2               |                 |                 |                 |                 |                 |
| ‡ 02/12/13 08:27:04 V04.0 R03.0<br>NewEnergy Associates<br>Strategist Page 270 |                 |                 |                 |                 |                 |                 |                 |

 AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                           | 1<br>AMOS<br>1 | 2<br>AMOS<br>2 | 3<br>AMOS_OP<br>3 | 4<br>BECKJORD<br>6 | 5<br>BIG SAND<br>1 | 6<br>BIG SAND<br>2 | 7<br>CARD 1+2<br>1 |
|----------------------------------------|----------------|----------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| ----- YEAR 2011 -----                  |                |                |                   |                    |                    |                    |                    |
| ANCILLARY REVENUE RATE \$/MWH          | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| AVERAGE HEAT RATE AT MAXIMUM MBTU/MWH  |                |                | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| AVERAGE HEAT RATE AT MINIMUM MBTU/MWH  |                |                | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| AVG HEAT RATE MAXIMUM SEASONAL P       | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| AVG HEAT RATE MINIMUM SEASONAL P       | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| BID PRICE AT INCREMENTAL \$/MWH        | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| BID PRICE AT MINIMUM \$/MWH            | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| BID PRICE CAPACITY FACTOR %            | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| BID PRICE COST FACTOR %                | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| BID PRICE INCREMENTAL SEASONAL P       | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| BID PRICE MINIMUM SEASONAL POINT       | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| CAPACITY REVENUE PROFILE               | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| CAPACITY REVENUE RATE \$/KW            | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| CAPACITY SEGMENT PROFILE               | 1              | 2              | 3                 | 4                  | 5                  | 6                  | 7                  |
| CAPITAL COSTS \$000                    | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| DERATION LIBRARY POINTER               | 1              | 2              | 3                 | 4                  | 5                  | 6                  | 7                  |
| DISPATCH PENALTY AT MAXIMUM            | 1.00           | 1.00           | 1.00              | 1.00               | 1.00               | 1.00               | 1.00               |
| DISPATCH PENALTY AT MINIMUM            | 1.00           | 1.00           | 1.00              | 1.00               | 1.00               | 1.00               | 1.00               |
| ENERGY MARGIN CAPACITY FACTOR FRACTION | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| FIXED ANNUAL CAPACITY RATE \$/KW/YR    | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| FIXED COSTS \$000/YR                   | 5009.72        | -2953.73       | 15815.54          | 579.44             | 3983.00            | 0.00               | 8767.37            |
| FIXED SEASONAL CAPACITY RATE \$/KW/SEA | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| FIXED SEASONAL RATE PROFILE            | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| HEAT RATE PROFILE                      | 1              | 2              | 3                 | 4                  | 5                  | 6                  | 7                  |
| MAINTENANCE REQUIREMENT WKS/YEAR       | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| MAINTENANCE SEASONAL METHOD            | 1              | 1              | 1                 | 1                  | 1                  | 1                  | 1                  |
| MAINTENANCE SEASONAL POINTER           | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| MATURE FORCED OUTAGE RATE %            | 5.84           | 7.49           | 4.76              | 4.59               | 10.30              | 7.50               | 10.25              |
| MATURE OUTAGE RATE SEASONAL PROF       | 0              | 246            | 0                 | 0                  | 0                  | 0                  | 248                |
| MAXIMUM CAPACITY MW                    | 790.00         | 790.00         | 858.00            | 53.00              | 278.00             | 800.00             | 595.00             |
| MINIMUM CAPACITY MW                    | 350.00         | 350.00         | 462.00            | 20.00              | 100.00             | 300.00             | 325.00             |
| MUST RUN INDICATOR                     | 1              | 1              | 1                 | 1                  | 0                  | 0                  | 1                  |
| PARTIAL OUTAGE RATE %                  | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| PARTIAL OUTAGE RATE SEASONAL PRO       | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| PERCENT FIRM %                         | 94.16          | 92.51          | 95.24             | 95.41              | 89.70              | 92.50              | 89.75              |
| RENEWABLE ENERGY CREDIT RATIO          | 0.00           | 0.00           | 0.00              | 0.00               | 0.00               | 0.00               | 0.00               |
| SEASONAL VARIABLE COST PROFILE         | 250            | 250            | 250               | 0                  | 0                  | 0                  | 0                  |
| VARIABLE O AND M COSTS \$/MWH          | 1.84           | 1.84           | 1.84              | 2.98               | 1.13               | 1.13               | 2.21               |
| ----- YEAR 2012 -----                  |                |                |                   |                    |                    |                    |                    |
| FIXED COSTS \$000/YR                   | 7647.04        | 12844.91       | 12196.69          | 849.65             | 3713.00            | 0.00               | 4231.07            |
| MATURE FORCED OUTAGE RATE %            | 6.75           | 7.21           | 4.58              | 4.03               | 11.80              | 8.86               | 14.52              |
| MATURE OUTAGE RATE SEASONAL PROF       | 0              | 0              | 0                 | 0                  | 0                  | 0                  | 0                  |
| PERCENT FIRM %                         | 93.25          | 92.79          | 95.42             | 95.97              | 88.20              | 91.14              | 85.48              |
| ----- YEAR 2013 -----                  |                |                |                   |                    |                    |                    |                    |
| FIXED COSTS \$000/YR                   | 17002.88       | 12257.52       | 21432.37          | 931.76             | 4492.00            | 16226.00           | -1078.63           |
| MATURE FORCED OUTAGE RATE %            | 5.11           | 6.45           | 4.55              | 3.90               | 13.00              | 8.86               | 16.74              |
| PERCENT FIRM %                         | 94.89          | 93.55          | 95.45             | 96.10              | 87.00              | 91.14              | 83.26              |
| ----- YEAR 2014 -----                  |                |                |                   |                    |                    |                    |                    |
| FIXED COSTS \$000/YR                   | 10251.86       | 17303.69       | 19567.19          | 2891.79            | 11158.00           | 16128.00           | 6290.73            |
| HEAT RATE PROFILE                      | 1              | 2              | 3                 | 4                  | 119                | 57                 | 7                  |
| MATURE FORCED OUTAGE RATE %            | 5.11           | 6.45           | 4.55              | 3.90               | 13.00              | 7.26               | 16.74              |
| PERCENT FIRM %                         | 94.89          | 93.55          | 95.45             | 96.10              | 87.00              | 92.74              | 83.26              |
| ----- YEAR 2015 -----                  |                |                |                   |                    |                    |                    |                    |
| FIXED COSTS \$000/YR                   | 22825.56       | 25468.03       | 26103.08          | 0.00               | 52987.00           | 22777.00           | 9989.05            |
| MATURE FORCED OUTAGE RATE %            | 5.11           | 6.45           | 4.55              | 100.00             | 12.42              | 7.26               | 16.74              |
| PERCENT FIRM %                         | 94.89          | 93.55          | 95.45             | 0.00               | 0.00               | 92.74              | 83.26              |
| ----- YEAR 2016 -----                  |                |                |                   |                    |                    |                    |                    |
| FIXED COSTS \$000/YR                   | 34622.92       | 27299.03       | 33387.89          | 0.00               | 0.00               | 188493.00          | 16484.25           |

| 1 A Input Summary.txt            |          |           |           |           |          |          |          |           |
|----------------------------------|----------|-----------|-----------|-----------|----------|----------|----------|-----------|
| HEAT RATE PROFILE                |          | 1         | 2         | 3         | 4        | 120      | 57       | 7         |
| MATURE FORCED OUTAGE RATE        | %        | 5.11      | 6.45      | 4.55      | 100.00   | 100.00   | 7.26     | 16.74     |
| PERCENT FIRM                     | %        | 94.89     | 93.55     | 95.45     | 0.00     | 0.00     | 0.00     | 83.26     |
| ----- YEAR 2017 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 32931.94  | 29688.28  | 40702.05  | 0.00     | 0.00     | 0.00     | 23447.12  |
| MATURE FORCED OUTAGE RATE        | %        | 5.11      | 6.45      | 4.55      | 100.00   | 100.00   | 100.00   | 16.74     |
| ----- YEAR 2018 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 29150.14  | 26876.46  | 38264.98  | 0.00     | 0.00     | 0.00     | 21804.57  |
| HEAT RATE PROFILE                |          | 1         | 2         | 3         | 4        | 120      | 6        | 7         |
| ----- YEAR 2019 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 28956.36  | 37974.04  | 41682.87  | 0.00     | 0.00     | 0.00     | 20914.02  |
| ----- YEAR 2020 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 37041.15  | 30832.86  | 37986.84  | 0.00     | 0.00     | 0.00     | 30062.17  |
| ----- YEAR 2021 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 36319.89  | 37324.88  | 43775.85  | 0.00     | 0.00     | 0.00     | 117457.37 |
| ----- YEAR 2022 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 36526.60  | 38389.57  | 45880.61  | 0.00     | 0.00     | 0.00     | 62292.65  |
| ----- YEAR 2023 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 37453.33  | 41625.83  | 47328.14  | 0.00     | 0.00     | 0.00     | 74140.11  |
| ----- YEAR 2024 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 41581.46  | 43405.13  | 49873.90  | 0.00     | 0.00     | 0.00     | 91532.98  |
| ----- YEAR 2025 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 41785.27  | 44832.35  | 11659.01  | 0.00     | 0.00     | 0.00     | 80025.04  |
| ----- YEAR 2026 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 44521.11  | 47694.77  | 12781.52  | 0.00     | 0.00     | 0.00     | 88701.22  |
| ----- YEAR 2027 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 44557.09  | 50028.09  | 20250.06  | 0.00     | 0.00     | 0.00     | 91610.57  |
| ----- YEAR 2028 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 46044.63  | 53971.09  | 21291.62  | 0.00     | 0.00     | 0.00     | 93799.21  |
| ----- YEAR 2029 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 50518.55  | 55120.95  | 22774.73  | 0.00     | 0.00     | 0.00     | 95835.16  |
| ----- YEAR 2030 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 49689.95  | 57290.29  | 17458.61  | 0.00     | 0.00     | 0.00     | 101129.12 |
| ----- YEAR 2031 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 48793.35  | 57349.18  | 14658.88  | 0.00     | 0.00     | 0.00     | 99221.07  |
| ----- YEAR 2032 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 47148.31  | 55336.30  | 21706.55  | 0.00     | 0.00     | 0.00     | 104423.40 |
| ----- YEAR 2033 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 45519.42  | 57480.48  | 17021.04  | 0.00     | 0.00     | 0.00     | 104332.77 |
| ----- YEAR 2034 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 46378.75  | 52729.99  | 15062.34  | 0.00     | 0.00     | 0.00     | 107000.86 |
| ----- YEAR 2035 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 39685.50  | 50490.45  | 5479.40   | 0.00     | 0.00     | 0.00     | 101648.39 |
| ----- YEAR 2036 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 33709.79  | 51696.37  | 272.00    | 0.00     | 0.00     | 0.00     | 99123.01  |
| ----- YEAR 2037 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 33128.16  | 52914.62  | 8997.21   | 0.00     | 0.00     | 0.00     | 97836.10  |
| ----- YEAR 2038 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 33601.97  | 52821.13  | 1271.45   | 0.00     | 0.00     | 0.00     | 102908.71 |
| ----- YEAR 2039 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 35472.83  | 53882.12  | 8536.66   | 0.00     | 0.00     | 0.00     | 105569.01 |
| ----- YEAR 2040 -----            |          |           |           |           |          |          |          |           |
| FIXED COSTS                      | \$000/YR | 257312.59 | 366185.16 | 254527.97 | 0.00     | 0.00     | 0.00     | 359746.94 |
| THERMAL UNIT                     |          |           |           |           |          |          |          |           |
|                                  |          | 8         | 9         | 10        | 11       | 12       | 13       | 14        |
|                                  |          | CARD 1+2  | CARD 3    | CLIFTY 1  | CLIFTY 2 | CLIFTY 3 | CLIFTY 4 | CLIFTY 5  |
| ----- YEAR 2011 -----            |          |           |           |           |          |          |          |           |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00      |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00      |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00      |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0         | 0         | 0         | 0        | 0        | 0        | 0         |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0         | 0         | 0         | 0        | 0        | 0        | 0         |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00      |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00      |
| BID PRICE CAPACITY FACTOR        | %        | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00      |
| BID PRICE COST FACTOR            | %        | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00      |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.

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1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                           | 8<br>CARD 1+2<br>2 | 9<br>CARD 3<br>3 | 10<br>CLIFTY<br>1 | 11<br>CLIFTY<br>2 | 12<br>CLIFTY<br>3 | 13<br>CLIFTY<br>4 | 14<br>CLIFTY<br>5 |
|----------------------------------------|--------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ----- YEAR 2011 -----                  |                    |                  |                   |                   |                   |                   |                   |
| BID PRICE INCREMENTAL SEASONAL P       | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| BID PRICE MINIMUM SEASONAL POINT       | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| CAPACITY REVENUE PROFILE               | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| CAPACITY REVENUE RATE \$/KW            | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| CAPACITY SEGMENT PROFILE               | 8                  | 9                | 10                | 11                | 12                | 13                | 14                |
| CAPITAL COSTS \$000                    | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| DERATION LIBRARY POINTER               | 8                  | 9                | 10                | 11                | 12                | 13                | 14                |
| DISPATCH PENALTY AT MAXIMUM            | 1.00               | 1.00             | 1.00              | 1.00              | 1.00              | 1.00              | 1.00              |
| DISPATCH PENALTY AT MINIMUM            | 1.00               | 1.00             | 1.00              | 1.00              | 1.00              | 1.00              | 1.00              |
| ENERGY MARGIN CAPACITY FACTOR FRACTION | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| FIXED ANNUAL CAPACITY RATE \$/KW/YR    | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| FIXED COSTS \$000/YR                   | -8578.68           | -865.15          | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| FIXED SEASONAL CAPACITY RATE \$/KW/SEA | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| FIXED SEASONAL RATE PROFILE            | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| HEAT RATE PROFILE                      | 8                  | 9                | 10                | 11                | 12                | 13                | 14                |
| MAINTENANCE REQUIREMENT WKS/YEAR       | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| MAINTENANCE SEASONAL METHOD            | 1                  | 1                | 1                 | 1                 | 1                 | 1                 | 1                 |
| MAINTENANCE SEASONAL POINTER           | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| MATURE FORCED OUTAGE RATE %            | 6.21               | 17.51            | 6.89              | 7.23              | 6.04              | 5.61              | 5.02              |
| MATURE OUTAGE RATE SEASONAL PROF       | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| MAXIMUM CAPACITY MW                    | 595.00             | 630.00           | 87.00             | 87.00             | 87.00             | 87.00             | 87.00             |
| MINIMUM CAPACITY MW                    | 325.00             | 325.00           | 37.00             | 37.00             | 37.00             | 37.00             | 37.00             |
| MUST RUN INDICATOR                     | 1                  | 1                | 0                 | 0                 | 0                 | 0                 | 0                 |
| PARTIAL OUTAGE RATE %                  | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| PARTIAL OUTAGE RATE SEASONAL PRO       | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| PERCENT FIRM %                         | 93.79              | 82.49            | 93.11             | 92.77             | 93.96             | 94.39             | 94.98             |
| RENEWABLE ENERGY CREDIT RATIO          | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| SEASONAL VARIABLE COST PROFILE         | 0                  | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |
| VARIABLE O AND M COSTS \$/MWH          | 2.21               | 2.21             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2012 -----                  |                    |                  |                   |                   |                   |                   |                   |
| CAPACITY SEGMENT PROFILE               | 8                  | 76               | 10                | 11                | 12                | 13                | 14                |
| FIXED COSTS \$000/YR                   | -6165.73           | -7188.45         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| HEAT RATE PROFILE                      | 8                  | 145              | 10                | 11                | 12                | 13                | 14                |
| MATURE FORCED OUTAGE RATE %            | 5.99               | 11.29            | 6.89              | 7.23              | 6.04              | 5.61              | 5.02              |
| MAXIMUM CAPACITY MW                    | 595.00             | 620.00           | 87.00             | 87.00             | 87.00             | 87.00             | 87.00             |
| PERCENT FIRM %                         | 94.01              | 88.71            | 93.11             | 92.77             | 93.96             | 94.39             | 94.98             |
| ----- YEAR 2013 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -4599.09           | -3529.31         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| MATURE FORCED OUTAGE RATE %            | 6.54               | 8.77             | 6.89              | 7.23              | 6.04              | 5.61              | 5.02              |
| PERCENT FIRM %                         | 93.46              | 91.23            | 93.11             | 92.77             | 93.96             | 94.39             | 94.98             |
| ----- YEAR 2014 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -8817.18           | -4421.98         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2015 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -6363.41           | -6141.78         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2016 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -2664.25           | -2264.24         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2017 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -8019.48           | -3174.45         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2018 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -5397.14           | -5312.55         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2019 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -1890.83           | 287.10           | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2020 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | -7643.36           | -2310.66         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2021 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | 56555.04           | 60594.20         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2022 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | 18195.68           | 18580.21         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2023 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | 22459.94           | 25732.19         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2024 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | 34030.27           | 39058.11         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2025 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | 27965.17           | 29470.36         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| ----- YEAR 2026 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | 63031.98           | 67937.72         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| PERCENT FIRM %                         | 0.00               | 0.00             | 93.11             | 92.77             | 93.96             | 94.39             | 94.98             |
| ----- YEAR 2027 -----                  |                    |                  |                   |                   |                   |                   |                   |
| FIXED COSTS \$000/YR                   | 0.00               | 0.00             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| THERMAL UNIT                           | 15<br>CLIFTY<br>6 | 16<br>CLINCH R<br>1 | 17<br>CLINCH R<br>2 | 18<br>CLINCH R<br>3 | 19<br>ROCKP_KP<br>1 | 20<br>ROCKP_KP<br>2 | 21<br>CSVL 1-4<br>3 |
|----------------------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----                  |                   |                     |                     |                     |                     |                     |                     |
| ANCILLARY REVENUE RATE \$/MWH          | 0.00              | 0.00                | 0.00                | 0.00                |                     |                     | 0.00                |
| AVERAGE HEAT RATE AT MAXIMUM MBTU/MWH  | 0.00              | 0.00                | 0.00                | 0.00                |                     |                     | 0.00                |
| AVERAGE HEAT RATE AT MINIMUM MBTU/MWH  | 0.00              | 0.00                | 0.00                | 0.00                |                     |                     | 0.00                |
| AVG HEAT RATE MAXIMUM SEASONAL P       | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| AVG HEAT RATE MINIMUM SEASONAL P       | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| BID PRICE AT INCREMENTAL \$/MWH        | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| BID PRICE AT MINIMUM \$/MWH            | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| BID PRICE CAPACITY FACTOR %            | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| BID PRICE COST FACTOR %                | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| BID PRICE INCREMENTAL SEASONAL P       | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| BID PRICE MINIMUM SEASONAL POINT       | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| CAPACITY REVENUE PROFILE               | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| CAPACITY REVENUE RATE \$/KW            | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| CAPACITY SEGMENT PROFILE               | 15                | 16                  | 17                  | 18                  | 0                   | 0                   | 21                  |
| CAPITAL COSTS \$000                    | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| DERATION LIBRARY POINTER               | 15                | 16                  | 17                  | 18                  | 58                  | 0                   | 110                 |
| DISPATCH PENALTY AT MAXIMUM            | 1.00              | 1.00                | 1.00                | 1.00                | 1.00                | 1.00                | 1.00                |
| DISPATCH PENALTY AT MINIMUM            | 1.00              | 1.00                | 1.00                | 1.00                | 1.00                | 1.00                | 1.00                |
| ENERGY MARGIN CAPACITY FACTOR FRACTION | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| FIXED ANNUAL CAPACITY RATE \$/KW/YR    | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| FIXED COSTS \$000/YR                   | 0.00              | 5368.07             | 2450.71             | 4149.57             | 0.00                | 0.00                | -504.54             |
| FIXED SEASONAL CAPACITY RATE \$/KW/SEA | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| FIXED SEASONAL RATE PROFILE            | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| HEAT RATE PROFILE                      | 15                | 16                  | 17                  | 18                  | 0                   | 0                   | 21                  |
| MAINTENANCE REQUIREMENT WKS/YEAR       | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| MAINTENANCE SEASONAL METHOD            | 1                 | 1                   | 1                   | 1                   | 1                   | 1                   | 1                   |
| MAINTENANCE SEASONAL POINTER           | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| MATURE FORCED OUTAGE RATE %            | 5.36              | 16.23               | 15.98               | 10.31               | 6.74                | 6.31                | 16.36               |
| MATURE OUTAGE RATE SEASONAL PROF       | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| MAXIMUM CAPACITY MW                    | 87.00             | 235.00              | 235.00              | 235.00              | 198.00              | 195.00              | 165.00              |
| MINIMUM CAPACITY MW                    | 23.00             | 60.00               | 60.00               | 60.00               | 198.00              | 195.00              | 40.00               |
| MUST RUN INDICATOR                     | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 1                   |
| PARTIAL OUTAGE RATE %                  | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| PARTIAL OUTAGE RATE SEASONAL PRO       | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| PERCENT FIRM %                         | 94.64             | 83.77               | 84.02               | 89.69               | 93.26               | 93.69               | 0.00                |
| RENEWABLE ENERGY CREDIT RATIO          | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| SEASONAL VARIABLE COST PROFILE         | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| VARIABLE O AND M COSTS \$/MWH          | 0.00              | 2.38                | 2.38                | 2.38                | 1.19                | 0.89                | 2.24                |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                  | 15<br>CLIFTY<br>6 | 16<br>CLINCH R<br>1 | 17<br>CLINCH R<br>2 | 18<br>CLINCH R<br>3 | 19<br>ROCKP_KP<br>1 | 20<br>ROCKP_KP<br>2 | 21<br>CSVL 1-4<br>3 |
|-------------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2012 -----         |                   |                     |                     |                     |                     |                     |                     |
| FIXED COSTS \$000/YR          | 0.00              | 2502.41             | 6541.13             | 4470.74             | 2201.00             | 2728.00             | 114.83              |
| MATURE FORCED OUTAGE RATE %   | 5.36              | 17.17               | 16.57               | 14.17               | 9.95                | 11.86               | 16.36               |
| PERCENT FIRM %                | 94.64             | 82.83               | 83.43               | 85.83               | 90.05               | 88.14               | 0.00                |
| VARIABLE O AND M COSTS \$/MWH | 0.00              | 2.38                | 2.38                | 2.38                | 1.23                | 0.92                | 2.24                |
| ----- YEAR 2013 -----         |                   |                     |                     |                     |                     |                     |                     |
| FIXED COSTS \$000/YR          | 0.00              | 2429.40             | 2578.37             | 7910.60             | 2520.00             | 3326.00             | 0.00                |
| MATURE FORCED OUTAGE RATE %   | 5.36              | 18.62               | 17.00               | 16.75               | 7.63                | 11.43               | 100.00              |
| PERCENT FIRM %                | 94.64             | 81.38               | 83.00               | 83.25               | 92.37               | 88.57               | 0.00                |
| VARIABLE O AND M COSTS \$/MWH | 0.00              | 2.38                | 2.38                | 2.38                | 1.26                | 0.94                | 2.24                |

## 1 A Input Summary.txt

| Year                      | Category | Unit | Value 1 | Value 2 | Value 3  | Value 4  | Value 5  | Value 6  |
|---------------------------|----------|------|---------|---------|----------|----------|----------|----------|
| ----- YEAR 2014 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 5692.62 | 2427.14  | 3662.39  | 3370.00  | 4118.00  |
| MATURE FORCED OUTAGE RATE | %        |      | 5.36    | 18.62   | 17.00    | 16.75    | 10.24    | 10.55    |
| PERCENT FIRM              | %        |      | 94.64   | 81.38   | 83.00    | 83.25    | 89.76    | 89.45    |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.29     | 0.97     |
| ----- YEAR 2015 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 1953.01 | 4781.58  | 3768.79  | 4422.00  | 4781.00  |
| MATURE FORCED OUTAGE RATE | %        |      | 5.36    | 18.62   | 17.00    | 16.75    | 9.69     | 11.36    |
| PERCENT FIRM              | %        |      | 94.64   | 81.38   | 83.00    | 83.25    | 90.31    | 88.64    |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.32     | 0.98     |
| ----- YEAR 2016 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 8957.52 | 43740.34 | 17632.00 | 11712.00 | 5123.00  |
| MATURE FORCED OUTAGE RATE | %        |      | 5.36    | 18.62   | 17.00    | 16.75    | 100.00   | 6.58     |
| MAXIMUM CAPACITY          | MW       |      | 87.00   | 235.00  | 235.00   | 235.00   | 203.40   | 195.00   |
| MINIMUM CAPACITY          | MW       |      | 23.00   | 60.00   | 60.00    | 60.00    | 203.40   | 195.00   |
| PERCENT FIRM              | %        |      | 94.64   | 0.00    | 0.00     | 0.00     | 0.00     | 93.42    |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.34     | 1.00     |
| ----- YEAR 2017 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 13196.00 | 5335.00  |
| MATURE FORCED OUTAGE RATE | %        |      | 5.36    | 100.00  | 100.00   | 100.00   | 100.00   | 5.34     |
| PERCENT FIRM              | %        |      | 94.64   | 0.00    | 0.00     | 0.00     | 0.00     | 94.66    |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.36     | 1.02     |
| ----- YEAR 2018 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 14362.00 | 5638.00  |
| MATURE FORCED OUTAGE RATE | %        |      | 5.36    | 100.00  | 100.00   | 100.00   | 100.00   | 5.28     |
| PERCENT FIRM              | %        |      | 94.64   | 0.00    | 0.00     | 0.00     | 0.00     | 94.72    |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.38     | 1.03     |
| ----- YEAR 2019 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 14890.00 | 6657.00  |
| MATURE FORCED OUTAGE RATE | %        |      | 5.36    | 100.00  | 100.00   | 100.00   | 100.00   | 4.93     |
| MAXIMUM CAPACITY          | MW       |      | 87.00   | 235.00  | 235.00   | 235.00   | 203.40   | 200.40   |
| MINIMUM CAPACITY          | MW       |      | 23.00   | 60.00   | 60.00    | 60.00    | 203.40   | 200.40   |
| PERCENT FIRM              | %        |      | 94.64   | 0.00    | 0.00     | 0.00     | 0.00     | 95.07    |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.40     | 1.05     |
| ----- YEAR 2020 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 15202.00 | 6823.00  |
| MATURE FORCED OUTAGE RATE | %        |      | 5.36    | 100.00  | 100.00   | 100.00   | 100.00   | 100.00   |
| PERCENT FIRM              | %        |      | 94.64   | 0.00    | 0.00     | 0.00     | 0.00     | 0.00     |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.42     | 1.06     |
| ----- YEAR 2021 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 15586.00 | 7173.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.44     | 1.08     |
| ----- YEAR 2022 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 15976.00 | 7571.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.46     | 1.09     |
| ----- YEAR 2023 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 16302.00 | 7915.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.48     | 1.11     |
| ----- YEAR 2024 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 16675.00 | 8288.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.50     | 1.12     |
| ----- YEAR 2025 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 17049.00 | 8669.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.52     | 1.14     |
| ----- YEAR 2026 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 17418.00 | 9043.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.55     | 1.16     |
| ----- YEAR 2027 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 17800.00 | 9429.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.57     | 1.17     |
| ----- YEAR 2028 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 18185.00 | 9818.00  |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.59     | 1.19     |
| ----- YEAR 2029 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 18573.00 | 10211.00 |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.61     | 1.21     |
| ----- YEAR 2030 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 18968.00 | 10609.00 |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.64     | 1.22     |
| ----- YEAR 2031 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 19367.00 | 11012.00 |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.66     | 1.24     |
| ----- YEAR 2032 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 19771.00 | 11420.00 |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.68     | 1.26     |
| ----- YEAR 2033 -----     |          |      |         |         |          |          |          |          |
| FIXED COSTS               | \$000/YR |      | 0.00    | 0.00    | 0.00     | 0.00     | 20181.00 | 11833.00 |
| VARIABLE O AND M COSTS    | \$/MWH   |      | 0.00    | 2.38    | 2.38     | 2.38     | 1.71     | 1.28     |

## 1 A Input Summary.txt

|                                  |          |           |           |           |          |          |          |       |
|----------------------------------|----------|-----------|-----------|-----------|----------|----------|----------|-------|
| ----- YEAR 2034 -----            |          |           |           |           |          |          |          |       |
| FIXED COSTS                      | \$000/YR | 0.00      | 0.00      | 0.00      | 0.00     | 20595.00 | 12251.00 | 0.00  |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00      | 2.38      | 2.38      | 2.38     | 1.73     | 1.30     | 2.24  |
| ----- YEAR 2035 -----            |          |           |           |           |          |          |          |       |
| FIXED COSTS                      | \$000/YR | 0.00      | 0.00      | 0.00      | 0.00     | 21014.00 | 12674.00 | 0.00  |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00      | 2.38      | 2.38      | 2.38     | 1.76     | 1.32     | 2.24  |
| ----- YEAR 2036 -----            |          |           |           |           |          |          |          |       |
| FIXED COSTS                      | \$000/YR | 0.00      | 0.00      | 0.00      | 0.00     | 21439.00 | 13102.00 | 0.00  |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00      | 2.38      | 2.38      | 2.38     | 1.78     | 1.33     | 2.24  |
| ----- YEAR 2037 -----            |          |           |           |           |          |          |          |       |
| FIXED COSTS                      | \$000/YR | 0.00      | 0.00      | 0.00      | 0.00     | 21808.00 | 13189.00 | 0.00  |
| MUST RUN INDICATOR               |          | 0         | 0         | 0         | 0        | 0        | 0        | 0     |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00      | 2.38      | 2.38      | 2.38     | 1.81     | 1.35     | 2.24  |
| ----- YEAR 2038 -----            |          |           |           |           |          |          |          |       |
| FIXED COSTS                      | \$000/YR | 0.00      | 0.00      | 0.00      | 0.00     | 21990.00 | 12982.00 | 0.00  |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00      | 2.38      | 2.38      | 2.38     | 1.84     | 1.37     | 2.24  |
| ----- YEAR 2039 -----            |          |           |           |           |          |          |          |       |
| FIXED COSTS                      | \$000/YR | 0.00      | 0.00      | 0.00      | 0.00     | 21923.00 | 13097.00 | 0.00  |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00      | 2.38      | 2.38      | 2.38     | 1.86     | 1.39     | 2.24  |
| ----- YEAR 2040 -----            |          |           |           |           |          |          |          |       |
| FIXED COSTS                      | \$000/YR | 0.00      | 0.00      | 0.00      | 0.00     | 80091.00 | 69044.00 | 0.00  |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00      | 2.38      | 2.38      | 2.38     | 1.89     | 1.41     | 2.24  |
| THERMAL UNIT                     |          | 22        | 23        | 24        | 25       | 26       | 27       | 28    |
|                                  |          | CSV L 1-4 | CSV L 5+6 | CSV L 5+6 | D C COOK | D C COOK | GAVIN    | GAVIN |
|                                  |          | 4         | 5         | 6         | 1        | 2        | 1        | 2     |
| ----- YEAR 2011 -----            |          |           |           |           |          |          |          |       |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00      | 0.00      | 0.00      |          |          | 0.00     | 0.00  |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00      | 0.00      | 0.00      |          |          | 0.00     | 0.00  |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00      | 0.00      | 0.00      |          |          | 0.00     | 0.00  |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0         | 0         | 0         | 0        | 0        | 0        | 0     |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0         | 0         | 0         | 0        | 0        | 0        | 0     |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00  |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00  |
| BID PRICE CAPACITY FACTOR        | %        | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00  |
| BID PRICE COST FACTOR            | %        | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00  |
| BID PRICE INCREMENTAL SEASONAL P |          | 0         | 0         | 0         | 0        | 0        | 0        | 0     |
| BID PRICE MINIMUM SEASONAL POINT |          | 0         | 0         | 0         | 0        | 0        | 0        | 0     |
| CAPACITY REVENUE PROFILE         |          | 0         | 0         | 0         | 0        | 0        | 0        | 0     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                  |           |           |           |           |           |           |          |          |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| THERMAL UNIT                     |           |           |           |           |           |           |          |          |
|                                  |           | 22        | 23        | 24        | 25        | 26        | 27       | 28       |
|                                  |           | CSV L 1-4 | CSV L 5+6 | CSV L 5+6 | D C COOK  | D C COOK  | GAVIN    | GAVIN    |
|                                  |           | 4         | 5         | 6         | 1         | 2         | 1        | 2        |
| ----- YEAR 2011 -----            |           |           |           |           |           |           |          |          |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| CAPACITY SEGMENT PROFILE         |           | 22        | 23        | 24        | 25        | 92        | 27       | 28       |
| CAPITAL COSTS                    | \$000     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| DERATION LIBRARY POINTER         |           | 22        | 23        | 24        | 150       | 107       | 27       | 28       |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00     | 1.00     |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00     | 1.00     |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| FIXED COSTS                      | \$000/YR  | 6062.75   | 6519.00   | 4703.00   | 94385.42  | 88582.12  | 8764.71  | 17493.44 |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| FIXED SEASONAL RATE PROFILE      |           | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| HEAT RATE PROFILE                |           | 22        | 23        | 24        | 0         | 0         | 27       | 0        |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| MAINTENANCE SEASONAL METHOD      |           | 1         | 1         | 1         | 1         | 1         | 1        | 1        |
| MAINTENANCE SEASONAL POINTER     |           | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| MATURE FORCED OUTAGE RATE        | %         | 5.93      | 4.95      | 7.69      | 5.00      | 5.00      | 5.90     | 4.40     |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| MAXIMUM CAPACITY                 | MW        | 337.00    | 400.00    | 400.00    | 1084.00   | 1107.00   | 1320.00  | 1320.00  |
| MINIMUM CAPACITY                 | MW        | 141.00    | 130.00    | 130.00    | 1082.00   | 1105.00   | 900.00   | 950.00   |
| MUST RUN INDICATOR               |           | 1         | 1         | 1         | 1         | 1         | 1        | 1        |
| PARTIAL OUTAGE RATE              | %         | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| PERCENT FIRM                     | %         | 94.07     | 95.05     | 92.31     | 100.00    | 100.00    | 94.10    | 95.60    |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00     | 0.00     |
| SEASONAL VARIABLE COST PROFILE   |           | 250       | 0         | 0         | 0         | 0         | 250      | 250      |
| VARIABLE O AND M COSTS           | \$/MWH    | 2.24      | 2.24      | 2.24      | 4.69      | 4.69      | 0.98     | 0.98     |
| ----- YEAR 2012 -----            |           |           |           |           |           |           |          |          |
| FIXED COSTS                      | \$000/YR  | 17379.32  | 19856.00  | 9303.00   | 101139.20 | 103767.67 | 15440.11 | 12326.42 |
| HEAT RATE PROFILE                |           | 22        | 23        | 24        | 0         | 0         | 27       | 19       |
| MATURE FORCED OUTAGE RATE        | %         | 4.39      | 4.95      | 8.43      | 5.00      | 5.00      | 6.82     | 5.09     |
| PERCENT FIRM                     | %         | 95.61     | 95.05     | 91.57     | 100.00    | 100.00    | 93.18    | 94.91    |
| ----- YEAR 2013 -----            |           |           |           |           |           |           |          |          |

|                           |          |           |           |           |            |            |           |           |
|---------------------------|----------|-----------|-----------|-----------|------------|------------|-----------|-----------|
| 1 A Input Summary.txt     |          |           |           |           |            |            |           |           |
| DERATION LIBRARY POINTER  |          | 22        | 23        | 24        | 150        | 108        | 27        | 28        |
| FIXED COSTS               | \$000/YR | 11037.77  | 9843.00   | 19603.00  | 117673.31  | 117025.41  | 14326.69  | 22931.10  |
| MATURE FORCED OUTAGE RATE | %        | 3.87      | 4.95      | 8.43      | 5.00       | 5.00       | 7.74      | 5.05      |
| PERCENT FIRM              | %        | 96.13     | 95.05     | 91.57     | 100.00     | 100.00     | 92.26     | 94.95     |
| ----- YEAR 2014 -----     |          |           |           |           |            |            |           |           |
| DERATION LIBRARY POINTER  |          | 22        | 23        | 24        | 150        | 109        | 27        | 28        |
| FIXED COSTS               | \$000/YR | 11338.75  | 11524.00  | 12194.00  | 130557.72  | 125665.18  | 34782.15  | 25911.62  |
| MATURE FORCED OUTAGE RATE | %        | 3.10      | 3.89      | 4.91      | 5.00       | 5.00       | 7.74      | 5.05      |
| PERCENT FIRM              | %        | 96.90     | 96.11     | 95.09     | 100.00     | 100.00     | 92.26     | 94.95     |
| ----- YEAR 2015 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 20413.85  | 24243.00  | 15054.00  | 139847.36  | 143129.27  | 30441.83  | 48671.82  |
| MATURE FORCED OUTAGE RATE | %        | 2.84      | 4.24      | 5.32      | 5.00       | 5.00       | 7.74      | 5.05      |
| PERCENT FIRM              | %        | 97.16     | 95.76     | 94.68     | 100.00     | 100.00     | 92.26     | 94.95     |
| ----- YEAR 2016 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 21443.51  | 23147.00  | 34508.00  | 157399.56  | 156668.94  | 54365.89  | 41293.61  |
| MATURE FORCED OUTAGE RATE | %        | 2.58      | 3.89      | 4.50      | 5.00       | 5.00       | 7.74      | 5.05      |
| PERCENT FIRM              | %        | 97.42     | 96.11     | 95.50     | 100.00     | 100.00     | 92.26     | 94.95     |
| ----- YEAR 2017 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 21487.24  | 27588.00  | 27065.00  | 171559.28  | 166668.16  | 45707.44  | 62263.37  |
| MATURE FORCED OUTAGE RATE | %        | 2.84      | 4.24      | 4.09      | 5.00       | 5.00       | 7.74      | 5.05      |
| PERCENT FIRM              | %        | 97.16     | 95.76     | 95.91     | 100.00     | 100.00     | 92.26     | 94.95     |
| ----- YEAR 2018 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 35510.53  | 43594.00  | 35114.00  | 181841.05  | 185885.00  | 54842.56  | 49194.93  |
| MATURE FORCED OUTAGE RATE | %        | 2.58      | 4.24      | 4.09      | 5.00       | 5.00       | 7.74      | 5.05      |
| PERCENT FIRM              | %        | 97.42     | 95.76     | 95.91     | 100.00     | 100.00     | 92.26     | 94.95     |
| ----- YEAR 2019 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 30348.22  | 349497.00 | 375849.00 | 202032.41  | 201680.08  | 49729.78  | 62526.15  |
| MATURE FORCED OUTAGE RATE | %        | 2.84      | 3.89      | 4.50      | 5.00       | 5.00       | 7.74      | 5.05      |
| PERCENT FIRM              | %        | 97.16     | 96.11     | 95.50     | 100.00     | 100.00     | 92.26     | 94.95     |
| ----- YEAR 2020 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 29112.49  | 0.00      | 0.00      | 215596.77  | 210701.50  | 57120.38  | 69019.08  |
| ----- YEAR 2021 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 31348.53  | 0.00      | 0.00      | 225172.30  | 230030.53  | 59254.23  | 70807.57  |
| ----- YEAR 2022 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 33901.05  | 0.00      | 0.00      | 244482.31  | 244548.12  | 62912.33  | 74473.06  |
| ----- YEAR 2023 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 38283.74  | 0.00      | 0.00      | 260279.31  | 254030.77  | 1975.62   | 80671.25  |
| ----- YEAR 2024 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 38512.50  | 0.00      | 0.00      | 268485.34  | 274205.44  | 10272.09  | 82696.28  |
| ----- YEAR 2025 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 40745.07  | 0.00      | 0.00      | 289181.19  | 289698.94  | 5499.72   | 92703.41  |
| ----- YEAR 2026 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 44073.09  | 0.00      | 0.00      | 304436.03  | 299489.50  | 13096.68  | 92387.73  |
| ----- YEAR 2027 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 45873.56  | 0.00      | 0.00      | 314489.69  | 321182.62  | 9780.18   | 98347.13  |
| ----- YEAR 2028 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 48301.57  | 0.00      | 0.00      | 336182.84  | 337069.75  | 19118.17  | 101773.12 |
| ----- YEAR 2029 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 51332.26  | 0.00      | 0.00      | 352363.44  | 347402.22  | 13957.95  | 108559.67 |
| ----- YEAR 2030 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 53125.39  | 0.00      | 0.00      | 362786.16  | 370470.50  | 22009.21  | 111423.61 |
| ----- YEAR 2031 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 54134.95  | 0.00      | 0.00      | 375509.59  | 376835.16  | 16807.61  | 117428.42 |
| ----- YEAR 2032 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 54641.44  | 0.00      | 0.00      | 379412.38  | 374030.50  | 23394.33  | 117896.07 |
| ----- YEAR 2033 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 54299.46  | 0.00      | 0.00      | 377499.22  | 385880.62  | 17259.00  | 119294.86 |
| ----- YEAR 2034 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 53824.80  | 0.00      | 0.00      | 388787.25  | 390062.84  | 21098.00  | 117682.14 |
| ----- YEAR 2035 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 53104.32  | 0.00      | 0.00      | 2434332.50 | 311112.03  | 7295.00   | 119585.25 |
| ----- YEAR 2036 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 51762.32  | 0.00      | 0.00      | 0.00       | 313744.19  | 5614.73   | 110701.08 |
| ----- YEAR 2037 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 53953.67  | 0.00      | 0.00      | 0.00       | 2549185.25 | -649.82   | 111521.00 |
| ----- YEAR 2038 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 51994.77  | 0.00      | 0.00      | 0.00       | 0.00       | 6609.94   | 113416.47 |
| ----- YEAR 2039 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 52876.13  | 0.00      | 0.00      | 0.00       | 0.00       | -2273.19  | 116537.11 |
| ----- YEAR 2040 -----     |          |           |           |           |            |            |           |           |
| FIXED COSTS               | \$000/YR | 359757.72 | 0.00      | 0.00      | 0.00       | 0.00       | 429776.09 | 670077.81 |



## 1 A Input Summary.txt

| THERMAL UNIT                     |          | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 | 36<br>KANAUHA<br>1 | 37<br>KANAUHA<br>2 |
|----------------------------------|----------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| ----- YEAR 2011 -----            |          |                     |                     |                   |                   |                   |                    |                    |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| BID PRICE CAPACITY FACTOR        | %        | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| BID PRICE COST FACTOR            | %        | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| BID PRICE INCREMENTAL SEASONAL P |          | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| BID PRICE MINIMUM SEASONAL POINT |          | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| CAPACITY REVENUE PROFILE         |          | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| CAPACITY REVENUE RATE            | \$/KW    | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| CAPACITY SEGMENT PROFILE         |          | 29                  | 30                  | 33                | 34                | 35                | 36                 | 37                 |
| CAPITAL COSTS                    | \$000    | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| DERATION LIBRARY POINTER         |          | 29                  | 30                  | 33                | 34                | 35                | 36                 | 37                 |
| DISPATCH PENALTY AT MAXIMUM      |          | 1.00                | 1.00                | 1.00              | 1.00              | 1.00              | 1.00               | 1.00               |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |           | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 | 36<br>KANAUHA<br>1 | 37<br>KANAUHA<br>2 |
|----------------------------------|-----------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| ----- YEAR 2011 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00                | 1.00                | 1.00              | 1.00              | 1.00              | 1.00               | 1.00               |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| FIXED COSTS                      | \$000/YR  | 2141.95             | 2787.92             | -2003.94          | -1751.55          | -390.47           | 2716.23            | 2358.20            |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| FIXED SEASONAL RATE PROFILE      |           | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| HEAT RATE PROFILE                |           | 29                  | 30                  | 33                | 34                | 35                | 36                 | 37                 |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| MAINTENANCE SEASONAL METHOD      |           | 1                   | 1                   | 1                 | 1                 | 1                 | 1                  | 1                  |
| MAINTENANCE SEASONAL POINTER     |           | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| MATURE FORCED OUTAGE RATE        | %         | 29.70               | 31.50               | 6.07              | 6.07              | 6.43              | 12.42              | 11.18              |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| MAXIMUM CAPACITY                 | MW        | 95.00               | 240.00              | 210.00            | 210.00            | 210.00            | 200.00             | 200.00             |
| MINIMUM CAPACITY                 | MW        | 25.00               | 75.00               | 70.00             | 70.00             | 70.00             | 50.00              | 50.00              |
| MUST RUN INDICATOR               |           | 0                   | 0                   | 1                 | 1                 | 1                 | 0                  | 0                  |
| PARTIAL OUTAGE RATE              | %         | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| PERCENT FIRM                     | %         | 70.30               | 68.50               | 93.93             | 93.93             | 93.57             | 87.58              | 88.82              |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| SEASONAL VARIABLE COST PROFILE   |           | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.69                | 3.69                | 3.00              | 3.00              | 3.00              | 3.22               | 3.22               |
| ----- YEAR 2012 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| FIXED COSTS                      | \$000/YR  | 3197.85             | 3801.28             | -3673.11          | -2480.97          | -1248.74          | 268.49             | -414.80            |
| MATURE FORCED OUTAGE RATE        | %         | 34.20               | 34.20               | 5.65              | 5.65              | 5.99              | 11.98              | 10.89              |
| PERCENT FIRM                     | %         | 65.80               | 65.80               | 94.35             | 94.35             | 94.01             | 88.02              | 89.11              |
| ----- YEAR 2013 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| FIXED COSTS                      | \$000/YR  | 2716.74             | 2538.20             | -3601.48          | -3242.58          | 2649.01           | 1609.32            | 1275.99            |
| MATURE FORCED OUTAGE RATE        | %         | 38.70               | 36.90               | 6.14              | 6.13              | 6.50              | 12.64              | 13.69              |
| PERCENT FIRM                     | %         | 61.30               | 63.10               | 93.86             | 93.87             | 93.50             | 87.36              | 86.31              |
| ----- YEAR 2014 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| FIXED COSTS                      | \$000/YR  | 460.27              | 195.80              | 3045.55           | 2978.62           | 4477.09           | 5507.67            | 442.43             |
| ----- YEAR 2015 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| FIXED COSTS                      | \$000/YR  | 2501.69             | 5483.80             | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| MATURE FORCED OUTAGE RATE        | %         | 38.70               | 36.90               | 100.00            | 100.00            | 100.00            | 100.00             | 100.00             |
| PERCENT FIRM                     | %         | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| ----- YEAR 2016 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| FIXED COSTS                      | \$000/YR  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| MATURE FORCED OUTAGE RATE        | %         | 100.00              | 100.00              | 100.00            | 100.00            | 100.00            | 100.00             | 100.00             |
| ----- YEAR 2017 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2018 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2019 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2020 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2021 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2022 -----            |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2023 -----            |           |                     |                     |                   |                   |                   |                    |                    |

1 A Input Summary.txt

|                                  |           |       |       |       |       |          |          |
|----------------------------------|-----------|-------|-------|-------|-------|----------|----------|
| ----- YEAR 2024 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2025 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2026 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2027 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2028 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2029 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2030 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2031 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2032 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2033 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2034 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2035 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2036 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2037 -----            |           |       |       |       |       |          |          |
| MUST RUN INDICATOR               | 0         | 0     | 0     | 0     | 0     | 0        | 0        |
| ----- YEAR 2038 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2039 -----            |           |       |       |       |       |          |          |
| ----- YEAR 2040 -----            |           |       |       |       |       |          |          |
| THERMAL UNIT                     | 38        | 39    | 40    | 41    | 42    | 43       | 44       |
|                                  | KYGER     | KYGER | KYGER | KYGER | KYGER | MITCHELL | MITCHELL |
|                                  | 1         | 2     | 3     | 4     | 5     | 1        | 2        |
| ----- YEAR 2011 -----            |           |       |       |       |       |          |          |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0     | 0     | 0     | 0     | 0        | 0        |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0     | 0     | 0     | 0     | 0        | 0        |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| BID PRICE CAPACITY FACTOR        | %         | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| BID PRICE COST FACTOR            | %         | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| BID PRICE INCREMENTAL SEASONAL P |           | 0     | 0     | 0     | 0     | 0        | 0        |
| BID PRICE MINIMUM SEASONAL POINT |           | 0     | 0     | 0     | 0     | 0        | 0        |
| CAPACITY REVENUE PROFILE         |           | 0     | 0     | 0     | 0     | 0        | 0        |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| CAPACITY SEGMENT PROFILE         |           | 38    | 38    | 38    | 38    | 43       | 44       |
| CAPITAL COSTS                    | \$000     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| DERATION LIBRARY POINTER         |           | 38    | 39    | 40    | 41    | 42       | 43       |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00  | 1.00  | 1.00  | 1.00  | 1.00     | 1.00     |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00  | 1.00  | 1.00  | 1.00  | 1.00     | 1.00     |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| FIXED COSTS                      | \$000/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 12365.89 | 7631.90  |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| FIXED SEASONAL RATE PROFILE      |           | 0     | 0     | 0     | 0     | 0        | 0        |
| HEAT RATE PROFILE                |           | 38    | 39    | 40    | 41    | 42       | 43       |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| MAINTENANCE SEASONAL METHOD      |           | 1     | 1     | 1     | 1     | 1        | 1        |
| MAINTENANCE SEASONAL POINTER     |           | 0     | 0     | 0     | 0     | 0        | 0        |
| MATURE FORCED OUTAGE RATE        | %         | 4.42  | 3.66  | 6.21  | 3.83  | 2.98     | 4.49     |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0     | 0     | 0     | 0     | 0        | 0        |
| MAXIMUM CAPACITY                 | MW        | 85.00 | 85.00 | 85.00 | 85.00 | 614.00   | 634.00   |
| MINIMUM CAPACITY                 | MW        | 65.00 | 65.00 | 65.00 | 65.00 | 307.00   | 317.00   |
| MUST RUN INDICATOR               |           | 0     | 0     | 0     | 0     | 0        | 1        |
| PARTIAL OUTAGE RATE              | %         | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0     | 0     | 0     | 0     | 0        | 0        |
| PERCENT FIRM                     | %         | 95.58 | 96.34 | 93.79 | 96.17 | 97.02    | 95.51    |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| SEASONAL VARIABLE COST PROFILE   |           | 0     | 0     | 0     | 0     | 0        | 250      |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.04  | 4.75  | 4.75  | 4.76  | 4.75     | 0.99     |
| ----- YEAR 2012 -----            |           |       |       |       |       |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 11713.21 |
| MATURE FORCED OUTAGE RATE        | %         | 4.42  | 3.66  | 6.21  | 3.83  | 2.98     | 4.33     |
| PERCENT FIRM                     | %         | 95.58 | 96.34 | 93.79 | 96.17 | 97.02    | 95.67    |
| ----- YEAR 2013 -----            |           |       |       |       |       |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 22711.20 |
| MATURE FORCED OUTAGE RATE        | %         | 4.42  | 3.66  | 6.21  | 3.83  | 2.98     | 5.16     |
| PERCENT FIRM                     | %         | 95.58 | 96.34 | 93.79 | 96.17 | 97.02    | 94.84    |
| ----- YEAR 2014 -----            |           |       |       |       |       |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 26382.20 |
| ----- YEAR 2015 -----            |           |       |       |       |       |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 35326.45 |
| ----- YEAR 2016 -----            |           |       |       |       |       |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 50018.70 |
|                                  |           |       |       |       |       |          | 42841.24 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |          | 38<br>KYGER<br>1    | 39<br>KYGER<br>2    | 40<br>KYGER<br>3    | 41<br>KYGER<br>4    | 42<br>KYGER<br>5    | 43<br>MITCHELL<br>1 | 44<br>MITCHELL<br>2 |
|----------------------------------|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2017 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 43098.07            | 42544.47            |
| ----- YEAR 2018 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 44208.14            | 56491.08            |
| ----- YEAR 2019 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 69400.77            | 47517.78            |
| ----- YEAR 2020 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 56199.18            | 51824.45            |
| ----- YEAR 2021 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 63887.71            | 54474.79            |
| ----- YEAR 2022 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 68710.21            | 55750.81            |
| ----- YEAR 2023 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 70192.35            | 57066.38            |
| ----- YEAR 2024 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 73931.13            | 58673.97            |
| ----- YEAR 2025 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 77953.03            | 61219.15            |
| ----- YEAR 2026 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 81683.93            | 62201.07            |
| ----- YEAR 2027 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 84596.44            | 63818.14            |
| ----- YEAR 2028 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 88230.44            | 66626.60            |
| ----- YEAR 2029 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 92864.63            | 67457.54            |
| ----- YEAR 2030 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 95741.26            | 69316.21            |
| ----- YEAR 2031 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 98915.00            | 69991.84            |
| ----- YEAR 2032 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 99405.96            | 69981.12            |
| ----- YEAR 2033 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 100427.43           | 67789.55            |
| ----- YEAR 2034 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 96565.77            | 62449.14            |
| ----- YEAR 2035 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 91057.56            | 54976.11            |
| ----- YEAR 2036 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 91982.78            | 52358.80            |
| ----- YEAR 2037 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 94269.57            | 54130.51            |
| ----- YEAR 2038 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 97839.54            | 53289.07            |
| ----- YEAR 2039 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 97460.94            | 53713.48            |
| ----- YEAR 2040 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 498407.88           | 236057.94           |
| THERMAL UNIT                     |          | 45<br>MOUNT_ER<br>1 | 46<br>MUSK RVR<br>1 | 47<br>MUSK RVR<br>2 | 48<br>MUSK RVR<br>3 | 49<br>MUSK RVR<br>4 | 50<br>MUSK RVR<br>5 | 51<br>P SPORN<br>1  |
| ----- YEAR 2011 -----            |          |                     |                     |                     |                     |                     |                     |                     |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |

|                                  |           |          |         |         |         |        |          |         |
|----------------------------------|-----------|----------|---------|---------|---------|--------|----------|---------|
| 1 A Input Summary.txt            |           |          |         |         |         |        |          |         |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| BID PRICE CAPACITY FACTOR        | %         | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| BID PRICE COST FACTOR            | %         | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| BID PRICE INCREMENTAL SEASONAL P |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| BID PRICE MINIMUM SEASONAL POINT |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| CAPACITY REVENUE PROFILE         |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| CAPACITY SEGMENT PROFILE         |           | 45       | 46      | 47      | 48      | 49     | 50       | 51      |
| CAPITAL COSTS                    | \$000     | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| DERATION LIBRARY POINTER         |           | 98       | 46      | 47      | 48      | 49     | 50       | 51      |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00     | 1.00    | 1.00    | 1.00    | 1.00   | 1.00     | 1.00    |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00     | 1.00    | 1.00    | 1.00    | 1.00   | 1.00     | 1.00    |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| FIXED COSTS                      | \$000/YR  | 13534.59 | -645.88 | -753.76 | -702.22 | 991.54 | 18686.00 | -683.43 |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| FIXED SEASONAL RATE PROFILE      |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| HEAT RATE PROFILE                |           | 45       | 46      | 47      | 48      | 49     | 50       | 51      |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| MAINTENANCE SEASONAL METHOD      |           | 1        | 1       | 1       | 1       | 1      | 1        | 1       |
| MAINTENANCE SEASONAL POINTER     |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| MATURE FORCED OUTAGE RATE        | %         | 5.22     | 14.85   | 17.41   | 19.72   | 9.21   | 21.90    | 31.05   |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| MAXIMUM CAPACITY                 | MW        | 1314.00  | 205.00  | 205.00  | 215.00  | 215.00 | 600.00   | 150.00  |
| MINIMUM CAPACITY                 | MW        | 600.00   | 60.00   | 60.00   | 60.00   | 60.00  | 450.00   | 35.00   |
| MUST RUN INDICATOR               |           | 1        | 0       | 0       | 0       | 0      | 1        | 0       |
| PARTIAL OUTAGE RATE              | %         | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0        | 0       | 0       | 0       | 0      | 0        | 0       |
| PERCENT FIRM                     | %         | 94.78    | 85.15   | 82.59   | 80.28   | 90.79  | 78.10    | 68.95   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00     | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00    |
| SEASONAL VARIABLE COST PROFILE   |           | 250      | 0       | 0       | 0       | 0      | 0        | 0       |
| VARIABLE O AND M COSTS           | \$/MWH    | 2.68     | 1.82    | 1.82    | 1.82    | 1.82   | 1.82     | 2.78    |

|                           |          |          |        |         |        |         |          |         |
|---------------------------|----------|----------|--------|---------|--------|---------|----------|---------|
| ----- YEAR 2012 -----     |          |          |        |         |        |         |          |         |
| FIXED COSTS               | \$000/YR | 29605.59 | 531.26 | 1513.21 | 223.70 | 2279.04 | 24101.00 | -387.05 |
| MATURE FORCED OUTAGE RATE | %        | 5.03     | 14.47  | 16.96   | 19.21  | 12.56   | 14.27    | 32.67   |
| PERCENT FIRM              | %        | 94.97    | 85.53  | 83.04   | 80.79  | 87.44   | 85.73    | 67.33   |

|                           |          |          |        |       |        |        |          |         |
|---------------------------|----------|----------|--------|-------|--------|--------|----------|---------|
| ----- YEAR 2013 -----     |          |          |        |       |        |        |          |         |
| FIXED COSTS               | \$000/YR | 35115.84 | 490.60 | 31.95 | 384.69 | 986.84 | 19057.00 | -416.06 |
| MATURE FORCED OUTAGE RATE | %        | 4.99     | 13.99  | 16.96 | 18.58  | 12.56  | 12.05    | 34.75   |
| PERCENT FIRM              | %        | 95.01    | 86.01  | 83.04 | 81.42  | 87.44  | 87.95    | 65.25   |

|                       |          |          |         |          |          |        |          |         |
|-----------------------|----------|----------|---------|----------|----------|--------|----------|---------|
| ----- YEAR 2014 ----- |          |          |         |          |          |        |          |         |
| FIXED COSTS           | \$000/YR | 53294.17 | 5438.13 | -1378.51 | 10953.20 | -73.60 | 18096.00 | 1109.54 |

|                           |          |          |        |        |        |        |          |        |
|---------------------------|----------|----------|--------|--------|--------|--------|----------|--------|
| ----- YEAR 2015 -----     |          |          |        |        |        |        |          |        |
| FIXED COSTS               | \$000/YR | 45879.80 | 0.00   | 0.00   | 0.00   | 0.00   | 62139.00 | 0.00   |
| MATURE FORCED OUTAGE RATE | %        | 4.99     | 100.00 | 100.00 | 100.00 | 100.00 | 12.05    | 100.00 |
| PERCENT FIRM              | %        | 95.01    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00   |

|                           |          |          |        |        |        |        |        |        |
|---------------------------|----------|----------|--------|--------|--------|--------|--------|--------|
| ----- YEAR 2016 -----     |          |          |        |        |        |        |        |        |
| FIXED COSTS               | \$000/YR | 86618.34 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| MATURE FORCED OUTAGE RATE | %        | 4.99     | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

|                       |          |          |      |      |      |      |      |      |
|-----------------------|----------|----------|------|------|------|------|------|------|
| ----- YEAR 2017 ----- |          |          |      |      |      |      |      |      |
| FIXED COSTS           | \$000/YR | 73117.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

|                       |          |          |      |      |      |      |      |      |
|-----------------------|----------|----------|------|------|------|------|------|------|
| ----- YEAR 2018 ----- |          |          |      |      |      |      |      |      |
| FIXED COSTS           | \$000/YR | 87219.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

|                       |          |          |      |      |      |      |      |      |
|-----------------------|----------|----------|------|------|------|------|------|------|
| ----- YEAR 2019 ----- |          |          |      |      |      |      |      |      |
| FIXED COSTS           | \$000/YR | 80550.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

|                       |          |          |      |      |      |      |      |      |
|-----------------------|----------|----------|------|------|------|------|------|------|
| ----- YEAR 2020 ----- |          |          |      |      |      |      |      |      |
| FIXED COSTS           | \$000/YR | 86465.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

|                       |          |          |      |      |      |      |      |      |
|-----------------------|----------|----------|------|------|------|------|------|------|
| ----- YEAR 2021 ----- |          |          |      |      |      |      |      |      |
| FIXED COSTS           | \$000/YR | 91550.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

|                       |          |          |      |      |      |      |      |      |
|-----------------------|----------|----------|------|------|------|------|------|------|
| ----- YEAR 2022 ----- |          |          |      |      |      |      |      |      |
| FIXED COSTS           | \$000/YR | 63191.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                       |          |          |          |      |          |      |          |         |
|-----------------------|----------|----------|----------|------|----------|------|----------|---------|
| THERMAL UNIT          |          |          |          |      |          |      |          |         |
|                       |          | 45       | 46       | 47   | 48       | 49   | 50       | 51      |
|                       | MOUNT_ER | 1        | MUSK RVR | 1    | MUSK RVR | 2    | MUSK RVR | 3       |
|                       |          | 1        | 1        | 2    | 3        | 4    | 5        | P SPORN |
|                       |          | 1        | 1        | 2    | 3        | 4    | 5        | 1       |
| ----- YEAR 2023 ----- |          |          |          |      |          |      |          |         |
| FIXED COSTS           | \$000/YR | 63474.61 | 0.00     | 0.00 | 0.00     | 0.00 | 0.00     | 0.00    |
| ----- YEAR 2024 ----- |          |          |          |      |          |      |          |         |
| FIXED COSTS           | \$000/YR | 71955.60 | 0.00     | 0.00 | 0.00     | 0.00 | 0.00     | 0.00    |

## 1 A Input Summary.txt

|                                  |           |           |         |         |         |         |          |          |      |
|----------------------------------|-----------|-----------|---------|---------|---------|---------|----------|----------|------|
| ----- YEAR 2025 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 69202.64  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2026 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 91234.39  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2027 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 73539.90  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2028 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 81342.54  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2029 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 79760.94  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2030 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 88078.74  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2031 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 80023.92  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2032 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 76195.13  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2033 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 67427.20  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2034 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 68825.85  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2035 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 61143.53  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2036 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 83592.85  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2037 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 59044.96  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2038 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 65166.14  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2039 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 61218.57  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| ----- YEAR 2040 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 511774.31 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| THERMAL UNIT                     |           | 52        | 53      | 54      | 55      | 56      | 57       | 58       |      |
|                                  |           | P SPORN   | P SPORN | P SPORN | P SPORN | PICWAY  | RPRET_IM | RPRUN_IM |      |
|                                  |           | 2         | 3       | 4       | 5       | 5       | 1        | 1        |      |
| ----- YEAR 2011 -----            |           |           |         |         |         |         |          |          |      |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| BID PRICE CAPACITY FACTOR        | %         | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| BID PRICE COST FACTOR            | %         | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| BID PRICE INCREMENTAL SEASONAL P |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| BID PRICE MINIMUM SEASONAL POINT |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| CAPACITY REVENUE PROFILE         |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| CAPACITY SEGMENT PROFILE         |           | 52        | 53      | 54      | 55      | 56      | 58       | 58       |      |
| CAPITAL COSTS                    | \$000     | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| DERATION LIBRARY POINTER         |           | 52        | 53      | 54      | 55      | 56      | 58       | 58       |      |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00      | 1.00    | 1.00    | 1.00    | 1.00    | 1.00     | 1.00     | 1.00 |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00      | 1.00    | 1.00    | 1.00    | 1.00    | 1.00     | 1.00     | 1.00 |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| FIXED COSTS                      | \$000/YR  | 5229.59   | 3439.02 | 6772.53 | 0.00    | 2127.00 | 25550.00 | 25686.00 |      |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| FIXED SEASONAL RATE PROFILE      |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| HEAT RATE PROFILE                |           | 52        | 53      | 54      | 55      | 56      | 58       | 58       |      |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| MAINTENANCE SEASONAL METHOD      |           | 1         | 1       | 1       | 1       | 1       | 1        | 1        | 1    |
| MAINTENANCE SEASONAL POINTER     |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| MATURE FORCED OUTAGE RATE        | %         | 31.05     | 24.30   | 24.30   | 100.00  | 7.31    | 8.00     | 8.00     |      |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| MAXIMUM CAPACITY                 | MW        | 150.00    | 150.00  | 150.00  | 450.00  | 100.00  | 1105.00  | 1105.00  |      |
| MINIMUM CAPACITY                 | MW        | 35.00     | 35.00   | 35.00   | 270.00  | 10.00   | 370.00   | 370.00   |      |
| MUST RUN INDICATOR               |           | 0         | 0       | 0       | 1       | 0       | 0        | 0        | 0    |
| PARTIAL OUTAGE RATE              | %         | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| PERCENT FIRM                     | %         | 68.95     | 75.70   | 75.70   | 0.00    | 92.69   | 92.00    | 92.00    |      |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00     | 0.00     | 0.00 |
| SEASONAL VARIABLE COST PROFILE   |           | 0         | 0       | 0       | 0       | 0       | 0        | 0        | 0    |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.39      | 2.78    | 3.39    | 3.39    | 6.64    | 0.99     | 0.99     |      |
| ----- YEAR 2012 -----            |           |           |         |         |         |         |          |          |      |
| FIXED COSTS                      | \$000/YR  | 6071.18   | 789.05  | 7579.46 | 0.00    | 1771.98 | 16062.00 | 16407.00 |      |
| HEAT RATE PROFILE                |           | 52        | 111     | 112     | 55      | 56      | 58       | 58       |      |
| MATURE FORCED OUTAGE RATE        | %         | 32.67     | 27.90   | 27.90   | 100.00  | 7.65    | 7.10     | 7.10     |      |
| PERCENT FIRM                     | %         | 67.33     | 72.10   | 72.10   | 0.00    | 92.35   | 92.90    | 92.90    |      |

1 A Input Summary.txt

|                           |          |         |         |         |        |         |          |          |
|---------------------------|----------|---------|---------|---------|--------|---------|----------|----------|
| ----- YEAR 2013 -----     |          |         |         |         |        |         |          |          |
| FIXED COSTS               | \$000/YR | 7969.36 | 1049.08 | 7368.90 | 0.00   | 2520.73 | 18706.00 | 21159.00 |
| MATURE FORCED OUTAGE RATE | %        | 34.75   | 31.50   | 31.50   | 100.00 | 8.16    | 7.00     | 7.00     |
| PERCENT FIRM              | %        | 65.25   | 68.50   | 68.50   | 0.00   | 91.84   | 93.00    | 93.00    |
| ----- YEAR 2014 -----     |          |         |         |         |        |         |          |          |
| FIXED COSTS               | \$000/YR | 9693.78 | 3490.42 | 9414.73 | 0.00   | 1449.62 | 17868.00 | 19977.00 |
| ----- YEAR 2015 -----     |          |         |         |         |        |         |          |          |
| FIXED COSTS               | \$000/YR | 0.00    | 0.00    | 0.00    | 0.00   | 0.00    | 22950.00 | 37160.00 |
| MATURE FORCED OUTAGE RATE | %        | 100.00  | 100.00  | 100.00  | 100.00 | 100.00  | 7.00     | 7.00     |
| PERCENT FIRM              | %        | 0.00    | 0.00    | 0.00    | 0.00   | 0.00    | 93.00    | 93.00    |
| ----- YEAR 2016 -----     |          |         |         |         |        |         |          |          |
| FIXED COSTS               | \$000/YR | 0.00    | 0.00    | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     |
| MATURE FORCED OUTAGE RATE | %        | 100.00  | 100.00  | 100.00  | 100.00 | 100.00  | 100.00   | 100.00   |
| PERCENT FIRM              | %        | 0.00    | 0.00    | 0.00    | 0.00   | 0.00    | 0.00     | 0.00     |
| ----- YEAR 2017 -----     |          |         |         |         |        |         |          |          |
| DERATION LIBRARY POINTER  |          | 52      | 53      | 54      | 55     | 56      | 59       | 59       |
| ----- YEAR 2018 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2019 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2020 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2021 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2022 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2023 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2024 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2025 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2026 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2027 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2028 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2029 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2030 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2031 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2032 -----     |          |         |         |         |        |         |          |          |
| ----- YEAR 2033 -----     |          |         |         |         |        |         |          |          |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
# 02/12/13 08:27:05 V04.0 R03.0

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                  |          |         |         |         |        |          |          |
|----------------------------------|----------|---------|---------|---------|--------|----------|----------|
| THERMAL UNIT                     | 52       | 53      | 54      | 55      | 56     | 57       | 58       |
|                                  | P SPORN  | P SPORN | P SPORN | P SPORN | PICWAY | RPRET_IM | RPRUN_IM |
|                                  | 2        | 3       | 4       | 5       | 5      | 1        | 1        |
| ----- YEAR 2034 -----            |          |         |         |         |        |          |          |
| ----- YEAR 2035 -----            |          |         |         |         |        |          |          |
| ----- YEAR 2036 -----            |          |         |         |         |        |          |          |
| ----- YEAR 2037 -----            |          |         |         |         |        |          |          |
| MUST RUN INDICATOR               | 0        | 0       | 0       | 0       | 0      | 0        | 0        |
| ----- YEAR 2038 -----            |          |         |         |         |        |          |          |
| ----- YEAR 2039 -----            |          |         |         |         |        |          |          |
| ----- YEAR 2040 -----            |          |         |         |         |        |          |          |
| THERMAL UNIT                     | 59       | 61      | 62      | 63      | 64     | 65       | 66       |
|                                  | ROCKP_IM | STUART  | STUART  | STUART  | STUART | AMOS_AP  | TAMN 1-3 |
|                                  | 2        | 1       | 2       | 3       | 4      | 3        | 1        |
| ----- YEAR 2011 -----            |          |         |         |         |        |          |          |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00     |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0       | 0       | 0       | 0      | 0        | 0        |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0       | 0       | 0       | 0      | 0        | 0        |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00     |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00     |
| BID PRICE CAPACITY FACTOR        | %        | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00     |
| BID PRICE COST FACTOR            | %        | 0.00    | 0.00    | 0.00    | 0.00   | 0.00     | 0.00     |

| 1 A Input Summary.txt            |           |          |          |          |          |          |           |         |
|----------------------------------|-----------|----------|----------|----------|----------|----------|-----------|---------|
| BID PRICE INCREMENTAL SEASONAL P |           | 0        | 0        | 0        | 0        | 0        | 0         | 0       |
| BID PRICE MINIMUM SEASONAL POINT |           | 0        | 0        | 0        | 0        | 0        | 0         | 0       |
| CAPACITY REVENUE PROFILE         |           | 0        | 0        | 0        | 0        | 0        | 0         | 0       |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| CAPACITY SEGMENT PROFILE         |           | 59       | 61       | 61       | 61       | 61       | 105       | 66      |
| CAPITAL COSTS                    | \$000     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| DERATION LIBRARY POINTER         |           | 59       | 78       | 78       | 78       | 78       | 3         | 66      |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00      | 1.00    |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00      | 1.00    |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| FIXED COSTS                      | \$000/YR  | 4695.00  | 5515.56  | 5944.26  | 5962.41  | 5690.38  | 37159.33  | 1620.81 |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| FIXED SEASONAL RATE PROFILE      |           | 0        | 0        | 0        | 0        | 0        | 0         | 0       |
| HEAT RATE PROFILE                |           | 59       | 61       | 62       | 63       | 64       | 20        | 66      |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| MAINTENANCE SEASONAL METHOD      |           | 1        | 1        | 1        | 1        | 1        | 1         | 1       |
| MAINTENANCE SEASONAL POINTER     |           | 0        | 0        | 0        | 0        | 0        | 0         | 0       |
| MATURE FORCED OUTAGE RATE        | %         | 6.31     | 8.39     | 8.89     | 8.09     | 8.50     | 4.76      | 16.00   |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0        | 0        | 0        | 0        | 0        | 0         | 0       |
| MAXIMUM CAPACITY                 | MW        | 1105.00  | 150.00   | 150.00   | 150.00   | 150.00   | 429.00    | 145.00  |
| MINIMUM CAPACITY                 | MW        | 305.00   | 104.00   | 104.00   | 104.00   | 104.00   | 231.00    | 50.00   |
| MUST RUN INDICATOR               |           | 0        | 1        | 1        | 1        | 1        | 1         | 0       |
| PARTIAL OUTAGE RATE              | %         | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0        | 0        | 0        | 0        | 0        | 0         | 0       |
| PERCENT FIRM                     | %         | 93.69    | 91.61    | 91.11    | 91.91    | 91.50    | 95.24     | 84.00   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00    |
| SEASONAL VARIABLE COST PROFILE   |           | 0        | 250      | 250      | 250      | 250      | 250       | 0       |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.69     | 1.97     | 1.97     | 1.97     | 1.97     | 1.84      | 3.25    |
| ----- YEAR 2012 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 17642.00 | 5955.74  | 5919.04  | 5978.96  | 5959.61  | 43716.21  | 1653.24 |
| HEAT RATE PROFILE                |           | 59       | 61       | 62       | 63       | 64       | 20        | 99      |
| MATURE FORCED OUTAGE RATE        | %         | 6.77     | 9.16     | 9.70     | 8.82     | 9.28     | 4.58      | 20.00   |
| PERCENT FIRM                     | %         | 93.23    | 90.84    | 90.30    | 91.18    | 90.72    | 95.42     | 80.00   |
| ----- YEAR 2013 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 9555.00  | 7262.81  | 7062.07  | 7110.81  | 7093.72  | 53622.27  | 1907.39 |
| MATURE FORCED OUTAGE RATE        | %         | 7.24     | 9.92     | 10.50    | 9.56     | 10.05    | 4.55      | 23.00   |
| PERCENT FIRM                     | %         | 92.76    | 90.08    | 89.50    | 90.44    | 89.95    | 95.45     | 78.00   |
| ----- YEAR 2014 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 19368.00 | 9037.65  | 9201.00  | 9231.32  | 9486.67  | 46278.29  | -228.86 |
| ----- YEAR 2015 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 13262.00 | 9865.47  | 9846.30  | 9874.97  | 9866.69  | 57362.63  | 0.00    |
| MATURE FORCED OUTAGE RATE        | %         | 7.24     | 9.92     | 10.50    | 9.56     | 10.05    | 4.55      | 100.00  |
| PERCENT FIRM                     | %         | 92.76    | 90.08    | 89.50    | 90.44    | 89.95    | 95.45     | 0.00    |
| ----- YEAR 2016 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 21073.00 | 11460.29 | 10974.28 | 11011.10 | 10999.26 | 67579.17  | 0.00    |
| ----- YEAR 2017 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 20184.00 | 11827.66 | 11955.97 | 12028.41 | 12019.51 | 68323.79  | 0.00    |
| ----- YEAR 2018 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 23459.00 | 12930.69 | 12879.30 | 12981.66 | 12954.39 | 57186.02  | 0.00    |
| ----- YEAR 2019 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 27041.00 | 12821.91 | 12563.08 | 12705.35 | 12651.45 | 68800.85  | 0.00    |
| ----- YEAR 2020 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 13035.51 | 13141.24 | 13304.03 | 13252.75 | 64944.07  | 0.00    |
| MATURE FORCED OUTAGE RATE        | %         | 100.00   | 9.92     | 10.50    | 9.56     | 10.05    | 4.55      | 100.00  |
| PERCENT FIRM                     | %         | 0.00     | 90.08    | 89.50    | 90.44    | 89.95    | 95.45     | 0.00    |
| ----- YEAR 2021 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 14555.25 | 14454.39 | 14644.21 | 14566.40 | 68606.87  | 0.00    |
| ----- YEAR 2022 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 15265.31 | 14937.31 | 15138.02 | 15062.45 | 72604.18  | 0.00    |
| ----- YEAR 2023 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 15713.64 | 15820.87 | 16026.94 | 16281.04 | 73819.76  | 0.00    |
| ----- YEAR 2024 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 16553.55 | 16438.04 | 16655.13 | 16569.63 | 76601.47  | 0.00    |
| ----- YEAR 2025 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 17700.64 | 17025.17 | 17218.04 | 17137.65 | 88626.22  | 0.00    |
| ----- YEAR 2026 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 17996.40 | 18129.19 | 18324.12 | 18240.01 | 91235.02  | 0.00    |
| ----- YEAR 2027 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 18993.81 | 18885.88 | 19076.76 | 19007.23 | 94153.86  | 0.00    |
| ----- YEAR 2028 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 19793.28 | 19404.10 | 19629.13 | 19567.48 | 97079.59  | 0.00    |
| ----- YEAR 2029 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 20365.08 | 20476.53 | 20700.85 | 20630.38 | 100016.08 | 0.00    |
| ----- YEAR 2030 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 21474.46 | 21324.29 | 21559.76 | 21491.09 | 103067.47 | 0.00    |
| ----- YEAR 2031 -----            |           |          |          |          |          |          |           |         |
| FIXED COSTS                      | \$000/YR  | 0.00     | 21288.34 | 20862.72 | 21119.03 | 21041.73 | 103194.00 | 0.00    |

1 A Input Summary.txt

|                       |          |      |           |           |           |           |           |      |
|-----------------------|----------|------|-----------|-----------|-----------|-----------|-----------|------|
| ----- YEAR 2032 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 21114.10  | 21230.31  | 21472.09  | 21796.99  | 104880.97 | 0.00 |
| ----- YEAR 2033 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 21438.10  | 21288.69  | 21543.42  | 21463.11  | 104972.18 | 0.00 |
| ----- YEAR 2034 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 21707.67  | 20848.49  | 21112.83  | 21034.38  | 106253.63 | 0.00 |
| ----- YEAR 2035 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 20734.16  | 20872.92  | 21125.94  | 21056.32  | 107510.37 | 0.00 |
| ----- YEAR 2036 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 20867.78  | 20716.23  | 21014.19  | 20890.90  | 107532.63 | 0.00 |
| ----- YEAR 2037 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 20663.74  | 20209.50  | 20496.03  | 20380.10  | 110065.30 | 0.00 |
| ----- YEAR 2038 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 20855.71  | 21005.35  | 21275.72  | 21174.55  | 112670.43 | 0.00 |
| ----- YEAR 2039 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 21722.25  | 21564.56  | 21859.23  | 21737.52  | 114701.17 | 0.00 |
| ----- YEAR 2040 ----- |          |      |           |           |           |           |           |      |
| FIXED COSTS           | \$000/YR | 0.00 | 113179.22 | 112714.05 | 113037.29 | 112912.03 | 330344.00 | 0.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |           | 67<br>TANN 1-3<br>2 | 68<br>TANN 1-3<br>3 | 69<br>TANN 4<br>4 | 70<br>ZIMMER<br>1 | 71<br>ROBTMONE<br>1 | 72<br>ROBTMONE<br>2 | 73<br>ROBTMONE<br>3 |
|----------------------------------|-----------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----            |           |                     |                     |                   |                   |                     |                     |                     |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| BID PRICE CAPACITY FACTOR        | %         | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| BID PRICE COST FACTOR            | %         | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| BID PRICE INCREMENTAL SEASONAL P |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| BID PRICE MINIMUM SEASONAL POINT |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| CAPACITY REVENUE PROFILE         |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| CAPACITY SEGMENT PROFILE         |           | 67                  | 68                  | 69                | 70                | 111                 | 112                 | 113                 |
| CAPITAL COSTS                    | \$000     | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| DERATION LIBRARY POINTER         |           | 67                  | 68                  | 69                | 70                | 71                  | 72                  | 73                  |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00                | 1.00                | 1.00              | 1.00              | 1.00                | 1.00                | 1.00                |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00                | 1.00                | 1.00              | 1.00              | 1.00                | 1.00                | 1.00                |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| FIXED COSTS                      | \$000/YR  | 1618.98             | 5250.53             | -1827.00          | 6217.46           | 0.00                | 0.00                | 0.00                |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| FIXED SEASONAL RATE PROFILE      |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| HEAT RATE PROFILE                |           | 67                  | 68                  | 69                | 70                | 0                   | 0                   | 0                   |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| MAINTENANCE SEASONAL METHOD      |           | 1                   | 1                   | 1                 | 1                 | 1                   | 1                   | 1                   |
| MAINTENANCE SEASONAL POINTER     |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| MATURE FORCED OUTAGE RATE        | %         | 9.00                | 14.00               | 16.00             | 7.58              | 2.00                | 2.00                | 2.00                |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| MAXIMUM CAPACITY                 | MW        | 145.00              | 205.00              | 500.00            | 330.00            | 175.00              | 175.00              | 175.00              |
| MINIMUM CAPACITY                 | MW        | 50.00               | 65.00               | 200.00            | 165.00            | 173.00              | 173.00              | 173.00              |
| MUST RUN INDICATOR               |           | 0                   | 0                   | 0                 | 1                 | 0                   | 0                   | 0                   |
| PARTIAL OUTAGE RATE              | %         | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| PERCENT FIRM                     |           | 91.00               | 86.00               | 84.00             | 92.42             | 98.00               | 98.00               | 98.00               |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| SEASONAL VARIABLE COST PROFILE   |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.25                | 3.25                | 3.25              | 1.97              | 11.86               | 11.86               | 11.86               |
| ----- YEAR 2012 -----            |           |                     |                     |                   |                   |                     |                     |                     |
| FIXED COSTS                      | \$000/YR  | 1739.59             | -2032.03            | 2827.00           | 19337.31          | 0.00                | 0.00                | 0.00                |
| HEAT RATE PROFILE                |           | 100                 | 101                 | 69                | 70                | 0                   | 0                   | 0                   |
| MATURE FORCED OUTAGE RATE        | %         | 14.00               | 14.00               | 17.00             | 7.58              | 2.00                | 2.00                | 2.00                |
| PERCENT FIRM                     | %         | 87.00               | 86.00               | 83.00             | 92.42             | 98.00               | 98.00               | 98.00               |
| ----- YEAR 2013 -----            |           |                     |                     |                   |                   |                     |                     |                     |
| FIXED COSTS                      | \$000/YR  | 2022.52             | -804.10             | 15698.00          | 8278.27           | 0.00                | 0.00                | 0.00                |
| MATURE FORCED OUTAGE RATE        | %         | 17.00               | 22.00               | 20.00             | 7.58              | 2.00                | 2.00                | 2.00                |
| PERCENT FIRM                     | %         | 83.00               | 79.00               | 80.00             | 92.42             | 98.00               | 98.00               | 98.00               |
| ----- YEAR 2014 -----            |           |                     |                     |                   |                   |                     |                     |                     |



|                                  |          |         |                       |          |           |          |          |          |
|----------------------------------|----------|---------|-----------------------|----------|-----------|----------|----------|----------|
| FIXED COSTS                      | \$000/YR | 1574.83 | 1 A Input Summary.txt |          | 9666.10   | 0.00     | 0.00     | 0.00     |
|                                  |          |         | 9389.14               | 0.00     |           |          |          |          |
| ----- YEAR 2015 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 18646.52  | 0.00     | 0.00     | 0.00     |
| MATURE FORCED OUTAGE RATE        | %        | 100.00  | 100.00                | 20.00    | 7.58      | 2.00     | 2.00     | 2.00     |
| PERCENT FIRM                     | %        | 0.00    | 0.00                  | 80.00    | 92.42     | 98.00    | 98.00    | 98.00    |
| ----- YEAR 2016 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 20673.88  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2017 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 27677.58  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2018 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 27623.17  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2019 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 26439.90  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2020 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 27045.17  | 0.00     | 0.00     | 0.00     |
| MATURE FORCED OUTAGE RATE        | %        | 100.00  | 100.00                | 100.00   | 7.58      | 2.00     | 2.00     | 2.00     |
| PERCENT FIRM                     | %        | 0.00    | 0.00                  | 0.00     | 92.42     | 98.00    | 98.00    | 98.00    |
| ----- YEAR 2021 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 31986.48  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2022 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 32708.40  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2023 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 33694.63  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2024 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 36097.59  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2025 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 37151.57  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2026 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 39277.87  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2027 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 42571.22  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2028 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 42810.20  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2029 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 44705.30  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2030 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 47806.64  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2031 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 46388.62  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2032 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 45161.65  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2033 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 47642.45  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2034 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 46539.52  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2035 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 46292.60  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2036 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 48925.32  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2037 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 48310.54  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2038 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 47564.16  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2039 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 50889.60  | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2040 -----            |          |         |                       |          |           |          |          |          |
| FIXED COSTS                      | \$000/YR | 0.00    | 0.00                  | 0.00     | 268942.22 | 0.00     | 0.00     | 0.00     |
| THERMAL UNIT                     |          | 74      | 75                    | 76       | 77        | 78       | 79       | 80       |
|                                  |          | 0       | CEREDO 1              | CEREDO 2 | CEREDO 3  | CEREDO 4 | CEREDO 5 | CEREDO 6 |
| ----- YEAR 2011 -----            |          |         |                       |          |           |          |          |          |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00    | 0.00                  | 0.00     | 0.00      | 0.00     | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00    | 0.00                  | 0.00     | 0.00      | 0.00     | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00    | 0.00                  | 0.00     | 0.00      | 0.00     | 0.00     | 0.00     |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0       | 0                     | 0        | 0         | 0        | 0        | 0        |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0       | 0                     | 0        | 0         | 0        | 0        | 0        |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00    | 0.00                  | 0.00     | 0.00      | 0.00     | 0.00     | 0.00     |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00    | 0.00                  | 0.00     | 0.00      | 0.00     | 0.00     | 0.00     |
| BID PRICE CAPACITY FACTOR        | %        | 0.00    | 0.00                  | 0.00     | 0.00      | 0.00     | 0.00     | 0.00     |
| BID PRICE COST FACTOR            | %        | 0.00    | 0.00                  | 0.00     | 0.00      | 0.00     | 0.00     | 0.00     |

|                                  |       |                       |      |      |      |      |      |      |
|----------------------------------|-------|-----------------------|------|------|------|------|------|------|
|                                  |       | 1 A Input Summary.txt |      |      |      |      |      |      |
| BID PRICE INCREMENTAL SEASONAL P |       | 0                     | 0    | 0    | 0    | 0    | 0    | 0    |
| BID PRICE MINIMUM SEASONAL POINT |       | 0                     | 0    | 0    | 0    | 0    | 0    | 0    |
| CAPACITY REVENUE PROFILE         |       | 0                     | 0    | 0    | 0    | 0    | 0    | 0    |
| CAPACITY REVENUE RATE            | \$/KW | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CAPACITY SEGMENT PROFILE         |       | 0                     | 96   | 96   | 96   | 96   | 96   | 96   |
| CAPITAL COSTS                    | \$000 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |           | 74   | 75       | 76       | 77      | 78       | 79      | 80      |
|----------------------------------|-----------|------|----------|----------|---------|----------|---------|---------|
|                                  |           |      | CERED0   | CERED0   | CERED0  | CERED0   | CERED0  | CERED0  |
|                                  |           | 0    | 1        | 2        | 3       | 4        | 5       | 6       |
| ----- YEAR 2011 -----            |           |      |          |          |         |          |         |         |
| DERATION LIBRARY POINTER         |           | 0    | 142      | 143      | 144     | 145      | 146     | 147     |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00 | 1.00     | 1.00     | 1.00    | 1.00     | 1.00    | 1.00    |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00 | 1.00     | 1.00     | 1.00    | 1.00     | 1.00    | 1.00    |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00 | 0.00     | 0.00     | 0.00    | 0.00     | 0.00    | 0.00    |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00 | 0.00     | 0.00     | 0.00    | 0.00     | 0.00    | 0.00    |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1234.75 | -1011.50 | -910.74 | -1329.89 | -951.26 | -865.11 |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00 | 0.00     | 0.00     | 0.00    | 0.00     | 0.00    | 0.00    |
| FIXED SEASONAL RATE PROFILE      |           | 0    | 0        | 0        | 0       | 0        | 0       | 0       |
| HEAT RATE PROFILE                |           | 0    | 91       | 92       | 93      | 94       | 95      | 96      |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00 | 0.00     | 0.00     | 0.00    | 0.00     | 0.00    | 0.00    |
| MAINTENANCE SEASONAL METHOD      |           | 1    | 1        | 1        | 1       | 1        | 1       | 1       |
| MAINTENANCE SEASONAL POINTER     |           | 0    | 0        | 0        | 0       | 0        | 0       | 0       |
| MATURE FORCED OUTAGE RATE        | %         | 0.00 | 2.00     | 2.00     | 2.00    | 2.00     | 2.00    | 2.00    |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0    | 0        | 0        | 0       | 0        | 0       | 0       |
| MAXIMUM CAPACITY                 | MW        | 0.00 | 86.00    | 86.00    | 86.00   | 86.00    | 86.00   | 86.00   |
| MINIMUM CAPACITY                 | MW        | 0.00 | 84.00    | 84.00    | 84.00   | 84.00    | 84.00   | 84.00   |
| MUST RUN INDICATOR               |           | 0    | 0        | 0        | 0       | 0        | 0       | 0       |
| PARTIAL OUTAGE RATE              | %         | 0.00 | 0.00     | 0.00     | 0.00    | 0.00     | 0.00    | 0.00    |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0    | 0        | 0        | 0       | 0        | 0       | 0       |
| PERCENT FIRM                     | %         | 0.00 | 98.00    | 98.00    | 98.00   | 98.00    | 98.00   | 98.00   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00 | 0.00     | 0.00     | 0.00    | 0.00     | 0.00    | 0.00    |
| SEASONAL VARIABLE COST PROFILE   |           | 0    | 0        | 0        | 0       | 0        | 0       | 0       |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.00 | 5.18     | 5.18     | 5.18    | 5.18     | 5.18    | 5.18    |
| ----- YEAR 2012 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1004.17 | -696.97  | -411.97 | -1410.15 | -936.57 | -478.99 |
| ----- YEAR 2013 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1146.43 | -1003.63 | -788.44 | -927.31  | -615.53 | -294.44 |
| ----- YEAR 2014 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 118.43   | 140.14   | 219.87  | 8.99     | 144.61  | 256.69  |
| ----- YEAR 2015 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 998.57   | 287.04   | 350.40  | 283.31   | 363.28  | 385.03  |
| ----- YEAR 2016 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1054.64  | 334.43   | 390.69  | 279.14   | 368.96  | 415.70  |
| ----- YEAR 2017 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 993.79   | 278.41   | 348.56  | 206.04   | 316.14  | 375.37  |
| ----- YEAR 2018 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1048.28  | 332.70   | 397.95  | 277.07   | 376.43  | 428.77  |
| ----- YEAR 2019 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1034.72  | 321.98   | 393.41  | 255.58   | 366.63  | 427.21  |
| ----- YEAR 2020 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1038.74  | 328.36   | 403.79  | 257.38   | 375.52  | 473.30  |
| ----- YEAR 2021 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1097.76  | 379.17   | 466.92  | 365.24   | 372.82  | 433.52  |
| ----- YEAR 2022 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1063.47  | 360.67   | 445.12  | 276.67   | 452.55  | 487.16  |
| ----- YEAR 2023 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1107.10  | 395.20   | 469.91  | 334.92   | 438.99  | 502.71  |
| ----- YEAR 2024 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1212.63  | 469.09   | 539.39  | 368.79   | 486.15  | 572.83  |
| ----- YEAR 2025 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1164.61  | 454.60   | 533.17  | 383.71   | 503.68  | 570.23  |
| ----- YEAR 2026 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1230.84  | 524.59   | 607.22  | 449.65   | 576.25  | 645.02  |
| ----- YEAR 2027 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1196.58  | 489.56   | 576.20  | 408.53   | 540.17  | 609.24  |
| ----- YEAR 2028 -----            |           |      |          |          |         |          |         |         |
| FIXED COSTS                      | \$000/YR  | 0.00 | 1230.81  | 525.26   | 612.16  | 444.68   | 579.50  | 653.35  |

## 1 A Input Summary.txt

|                       |          |      |         |         |         |         |         |         |
|-----------------------|----------|------|---------|---------|---------|---------|---------|---------|
| ----- YEAR 2029 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 1255.60 | 552.70  | 640.71  | 550.13  | 608.74  | 724.26  |
| ----- YEAR 2030 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 1344.22 | 631.78  | 729.39  | 496.22  | 678.26  | 695.31  |
| ----- YEAR 2031 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 1280.14 | 571.28  | 655.77  | 499.33  | 624.56  | 698.29  |
| ----- YEAR 2032 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 1219.16 | 512.95  | 601.44  | 576.46  | 568.71  | 642.72  |
| ----- YEAR 2033 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 1237.30 | 533.51  | 625.01  | 448.02  | 587.51  | 725.01  |
| ----- YEAR 2034 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 1230.57 | 531.60  | 629.16  | 463.80  | 639.49  | 675.58  |
| ----- YEAR 2035 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 553.96  | 545.29  | 685.51  | 425.52  | 566.71  | 643.46  |
| ----- YEAR 2036 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 476.63  | 545.14  | 649.48  | 432.96  | 610.63  | 687.45  |
| ----- YEAR 2037 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 447.96  | 493.19  | 588.45  | 416.70  | 555.03  | 636.87  |
| ----- YEAR 2038 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 449.93  | 496.33  | 593.63  | 414.56  | 560.49  | 685.49  |
| ----- YEAR 2039 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 440.84  | 488.66  | 589.53  | 405.95  | 555.83  | 639.16  |
| ----- YEAR 2040 ----- |          |      |         |         |         |         |         |         |
| FIXED COSTS           | \$000/YR | 0.00 | 3915.90 | 3959.60 | 4153.10 | 3902.01 | 3942.14 | 4031.82 |

## THERMAL UNIT

|       |       |       |       |       |       |       |          |
|-------|-------|-------|-------|-------|-------|-------|----------|
|       | 81    | 82    | 83    | 84    | 85    | 86    | 87       |
| DARBY | DARBY | DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN |
|       | 1     | 2     | 3     | 4     | 5     | 6     | 1        |

|                                  |           |       |       |       |       |        |        |        |
|----------------------------------|-----------|-------|-------|-------|-------|--------|--------|--------|
| ----- YEAR 2011 -----            |           |       |       |       |       |        |        |        |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| BID PRICE CAPACITY FACTOR        | %         | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| BID PRICE COST FACTOR            | %         | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| BID PRICE INCREMENTAL SEASONAL P |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| BID PRICE MINIMUM SEASONAL POINT |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| CAPACITY REVENUE PROFILE         |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| CAPACITY SEGMENT PROFILE         |           | 97    | 97    | 97    | 97    | 97     | 97     | 153    |
| CAPITAL COSTS                    | \$000     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| DERATION LIBRARY POINTER         |           | 116   | 116   | 116   | 136   | 136    | 136    | 138    |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00  | 1.00  | 1.00  | 1.00  | 1.00   | 1.00   | 1.00   |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00  | 1.00  | 1.00  | 1.00  | 1.00   | 1.00   | 1.00   |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| FIXED COSTS                      | \$000/YR  | 10.49 | 36.33 | 59.41 | 82.07 | 102.49 | 121.80 | 0.00   |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| FIXED SEASONAL RATE PROFILE      |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| HEAT RATE PROFILE                |           | 91    | 91    | 91    | 91    | 91     | 91     | 122    |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| MAINTENANCE SEASONAL METHOD      |           | 1     | 1     | 1     | 1     | 1      | 1      | 1      |
| MAINTENANCE SEASONAL POINTER     |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| MATURE FORCED OUTAGE RATE        | %         | 2.00  | 2.00  | 2.00  | 2.00  | 2.00   | 2.00   | 1.78   |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| MAXIMUM CAPACITY                 | MW        | 85.00 | 85.00 | 85.00 | 85.00 | 85.00  | 85.00  | 593.00 |
| MINIMUM CAPACITY                 | MW        | 83.00 | 83.00 | 83.00 | 83.00 | 83.00  | 83.00  | 140.00 |
| MUST RUN INDICATOR               |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| PARTIAL OUTAGE RATE              | %         | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| PERCENT FIRM                     | %         | 98.00 | 98.00 | 98.00 | 98.00 | 98.00  | 98.00  | 0.00   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   |
| SEASONAL VARIABLE COST PROFILE   |           | 0     | 0     | 0     | 0     | 0      | 0      | 0      |
| VARIABLE O AND M COSTS           | \$/MWH    | 5.34  | 5.34  | 5.34  | 5.34  | 5.34   | 5.34   | 3.82   |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

## THERMAL UNIT

|       |       |       |       |       |       |       |          |
|-------|-------|-------|-------|-------|-------|-------|----------|
|       | 81    | 82    | 83    | 84    | 85    | 86    | 87       |
| DARBY | DARBY | DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN |
|       | 1     | 2     | 3     | 4     | 5     | 6     | 1        |

1 A Input Summary.txt

|                                  |          |          |          |          |         |         |         |       |
|----------------------------------|----------|----------|----------|----------|---------|---------|---------|-------|
| ----- YEAR 2012 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 232.30   | 247.44   | 259.59   | 272.59  | 284.34  | 294.92  | 0.00  |
| ----- YEAR 2013 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 116.99   | 135.44   | 152.90   | 169.19  | 184.47  | 198.93  | 0.00  |
| ----- YEAR 2014 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 120.08   | 139.04   | 156.86   | 194.75  | 204.64  | 218.66  | 0.00  |
| ----- YEAR 2015 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 206.08   | 209.68   | 231.70   | 223.07  | 239.97  | 255.43  | 0.00  |
| ----- YEAR 2016 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 400.51   | 418.76   | 435.19   | 450.25  | 464.58  | 477.79  | 0.00  |
| ----- YEAR 2017 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 414.33   | 436.11   | 456.04   | 474.76  | 491.82  | 507.23  | 0.00  |
| ----- YEAR 2018 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 247.13   | 269.84   | 291.93   | 311.80  | 331.07  | 348.40  | 0.00  |
| ----- YEAR 2019 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 261.19   | 284.79   | 306.90   | 327.13  | 346.19  | 364.32  | 0.00  |
| ----- YEAR 2020 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 208.69   | 230.58   | 252.34   | 270.92  | 319.06  | 334.61  | 0.00  |
| ----- YEAR 2021 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 317.42   | 344.05   | 368.00   | 390.77  | 412.17  | 455.77  | 0.00  |
| ----- YEAR 2022 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 243.94   | 274.54   | 296.78   | 321.17  | 347.61  | 406.03  | 0.00  |
| ----- YEAR 2023 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 238.69   | 271.02   | 301.18   | 329.28  | 355.57  | 410.75  | 0.00  |
| ----- YEAR 2024 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 286.08   | 316.37   | 344.75   | 402.21  | 412.96  | 445.27  | 0.00  |
| ----- YEAR 2025 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 334.67   | 347.12   | 392.75   | 369.30  | 396.75  | 451.21  | 0.00  |
| ----- YEAR 2026 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 355.54   | 387.06   | 417.73   | 445.51  | 471.83  | 526.45  | 0.00  |
| ----- YEAR 2027 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 365.27   | 399.43   | 431.04   | 459.46  | 487.07  | 536.20  | 0.00  |
| ----- YEAR 2028 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 352.00   | 386.27   | 420.03   | 451.02  | 479.53  | 533.95  | 0.00  |
| ----- YEAR 2029 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 426.82   | 460.29   | 491.53   | 520.31  | 547.32  | 594.27  | 0.00  |
| ----- YEAR 2030 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 419.82   | 445.86   | 476.77   | 505.05  | 574.45  | 597.04  | 0.00  |
| ----- YEAR 2031 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 480.50   | 513.33   | 545.45   | 574.10  | 601.90  | 647.81  | 0.00  |
| ----- YEAR 2032 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 434.61   | 471.24   | 498.70   | 528.69  | 561.15  | 618.34  | 0.00  |
| ----- YEAR 2033 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 437.08   | 477.84   | 515.85   | 551.36  | 584.31  | 639.92  | 0.00  |
| ----- YEAR 2034 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 446.69   | 487.98   | 526.59   | 599.88  | 612.33  | 651.77  | 0.00  |
| ----- YEAR 2035 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 515.84   | 522.11   | 603.51   | 563.73  | 599.84  | 659.86  | 0.00  |
| ----- YEAR 2036 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 455.92   | 500.45   | 541.93   | 580.87  | 617.65  | 681.72  | 0.00  |
| ----- YEAR 2037 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 488.01   | 525.61   | 564.88   | 597.22  | 631.12  | 681.73  | 0.00  |
| ----- YEAR 2038 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 439.62   | 481.87   | 519.17   | 558.82  | 592.25  | 650.08  | 0.00  |
| ----- YEAR 2039 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 490.31   | 531.92   | 571.12   | 608.06  | 642.70  | 697.25  | 0.00  |
| ----- YEAR 2040 -----            |          |          |          |          |         |         |         |       |
| FIXED COSTS                      | \$000/YR | 2579.29  | 2613.71  | 2651.82  | 2689.87 | 2760.77 | 2791.09 | 0.00  |
| THERMAL UNIT                     |          |          |          |          |         |         |         |       |
|                                  |          | 88       | 89       | 90       | 91      | 92      | 93      | 94    |
|                                  |          | LWBG WIN | LWBG SMR | LWBG SMR | WATR CC | WATR2   | DRESDEN | DRES2 |
|                                  |          | 2        | 1        | 2        | 1       | 1       | 1       | 1     |
| ----- YEAR 2011 -----            |          |          |          |          |         |         |         |       |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00     | 0.00     | 0.00     | 0.00    | 0.00    | 0.00    | 0.00  |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH |          |          |          |         |         |         |       |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH |          |          |          |         |         |         |       |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0        | 0        | 0        | 0       | 0       | 0       | 0     |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0        | 0        | 0        | 0       | 0       | 0       | 0     |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00     | 0.00     | 0.00     | 0.00    | 0.00    | 0.00    | 0.00  |

1 A Input Summary.txt

|                                  |           |        |         |         |         |        |        |        |
|----------------------------------|-----------|--------|---------|---------|---------|--------|--------|--------|
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| BID PRICE CAPACITY FACTOR        | %         | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| BID PRICE COST FACTOR            | %         | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| BID PRICE INCREMENTAL SEASONAL P |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| BID PRICE MINIMUM SEASONAL POINT |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| CAPACITY REVENUE PROFILE         |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| CAPACITY SEGMENT PROFILE         |           | 153    | 153     | 153     | 109     | 109    | 162    | 162    |
| CAPITAL COSTS                    | \$000     | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| DERATION LIBRARY POINTER         |           | 138    | 138     | 138     | 74      | 74     | 114    | 114    |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00   | 1.00    | 1.00    | 1.00    | 1.00   | 1.00   | 1.00   |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00   | 1.00    | 1.00    | 1.00    | 1.00   | 1.00   | 1.00   |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| FIXED COSTS                      | \$000/YR  | 0.00   | -640.78 | -822.76 | -547.28 | 210.70 | 0.00   | 0.00   |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| FIXED SEASONAL RATE PROFILE      |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| HEAT RATE PROFILE                |           | 122    | 122     | 122     | 126     | 126    | 130    | 130    |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| MAINTENANCE SEASONAL METHOD      |           | 1      | 1       | 1       | 1       | 1      | 1      | 1      |
| MAINTENANCE SEASONAL POINTER     |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| MATURE FORCED OUTAGE RATE        | %         | 1.78   | 1.78    | 1.78    | 1.78    | 1.78   | 1.78   | 1.78   |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| MAXIMUM CAPACITY                 | MW        | 593.00 | 593.00  | 593.00  | 840.00  | 840.00 | 625.00 | 625.00 |
| MINIMUM CAPACITY                 | MW        | 140.00 | 140.00  | 140.00  | 140.00  | 140.00 | 273.00 | 273.00 |
| MUST RUN INDICATOR               |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| PARTIAL OUTAGE RATE              | %         | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| PERCENT FIRM                     | %         | 0.00   | 98.22   | 98.22   | 98.22   | 0.00   | 98.22  | 0.00   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00   | 0.00    | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   |
| SEASONAL VARIABLE COST PROFILE   |           | 0      | 0       | 0       | 0       | 0      | 0      | 0      |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.69   | 3.82    | 3.69    | 3.65    | 3.65   | 2.60   | 2.60   |

|                       |          |      |         |          |          |          |      |      |
|-----------------------|----------|------|---------|----------|----------|----------|------|------|
| ----- YEAR 2012 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -636.77 | -866.83  | -1437.84 | -1723.85 | 0.00 | 0.00 |
| ----- YEAR 2013 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -607.53 | -782.12  | -2284.44 | -1776.47 | 0.00 | 0.00 |
| ----- YEAR 2014 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -705.54 | -864.76  | -2314.78 | -1734.33 | 0.00 | 0.00 |
| ----- YEAR 2015 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -720.25 | -928.24  | 3763.22  | 4115.30  | 0.00 | 0.00 |
| ----- YEAR 2016 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -657.08 | -859.24  | 1494.37  | 1595.75  | 0.00 | 0.00 |
| ----- YEAR 2017 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -830.58 | -1043.35 | -1823.50 | -1519.47 | 0.00 | 0.00 |
| ----- YEAR 2018 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -659.11 | -866.60  | -1270.08 | -425.54  | 0.00 | 0.00 |
| ----- YEAR 2019 ----- |          |      |         |          |          |          |      |      |
| FIXED COSTS           | \$000/YR | 0.00 | -813.69 | -1026.57 | -1662.69 | -969.56  | 0.00 | 0.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT          |          | 88<br>LWBG WIN<br>2 | 89<br>LWBG SMR<br>1 | 90<br>LWBG SMR<br>2 | 91<br>WATR CC<br>1 | 92<br>WATR2<br>1 | 93<br>DRESDEN<br>1 | 94<br>DRESD2<br>1 |
|-----------------------|----------|---------------------|---------------------|---------------------|--------------------|------------------|--------------------|-------------------|
| ----- YEAR 2020 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -933.93             | -1153.61            | -1939.10           | -1535.67         | 0.00               | 0.00              |
| ----- YEAR 2021 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -1057.45            | -1273.94            | -968.78            | -697.92          | 0.00               | 0.00              |
| ----- YEAR 2022 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -1144.01            | -1371.23            | -1671.57           | -1169.79         | 0.00               | 0.00              |
| ----- YEAR 2023 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -1214.54            | -1452.18            | -1400.94           | -1093.71         | 0.00               | 0.00              |
| ----- YEAR 2024 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -1240.02            | -1509.88            | -1195.15           | -1073.83         | 0.00               | 0.00              |
| ----- YEAR 2025 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -1251.43            | -1526.13            | -1400.21           | -1006.38         | 0.00               | 0.00              |
| ----- YEAR 2026 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -1194.84            | -1499.46            | -1017.83           | -706.76          | 0.00               | 0.00              |
| ----- YEAR 2027 ----- |          |                     |                     |                     |                    |                  |                    |                   |
| FIXED COSTS           | \$000/YR | 0.00                | -1477.64            | -1788.09            | -1137.70           | -1069.54         | 0.00               | 0.00              |

## 1 A Input Summary.txt

|                                  |           |      |          |          |          |          |         |        |  |
|----------------------------------|-----------|------|----------|----------|----------|----------|---------|--------|--|
| ----- YEAR 2028 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1557.87 | -1878.03 | -948.35  | -1067.40 | 0.00    | 0.00   |  |
| ----- YEAR 2029 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1498.27 | -1850.34 | -1013.76 | -868.19  | 0.00    | 0.00   |  |
| ----- YEAR 2030 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1536.80 | -1893.11 | -1082.95 | -812.66  | 0.00    | 0.00   |  |
| ----- YEAR 2031 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1629.79 | -1996.54 | -1245.04 | -971.57  | 0.00    | 0.00   |  |
| ----- YEAR 2032 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1669.45 | -2046.17 | -1260.17 | -956.37  | 0.00    | 0.00   |  |
| ----- YEAR 2033 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1701.65 | -2092.96 | -1324.30 | -909.90  | 0.00    | 0.00   |  |
| ----- YEAR 2034 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1760.01 | -2161.96 | -1480.83 | -902.14  | 0.00    | 0.00   |  |
| ----- YEAR 2035 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1818.44 | -2232.32 | -1915.75 | -1277.11 | 0.00    | 0.00   |  |
| ----- YEAR 2036 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -1866.59 | -2293.58 | -2233.60 | -1453.57 | 0.00    | 0.00   |  |
| ----- YEAR 2037 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -2177.28 | -2525.00 | -1621.16 | -1235.46 | 0.00    | 0.00   |  |
| ----- YEAR 2038 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -2238.95 | -2594.78 | -2055.26 | -1304.89 | 0.00    | 0.00   |  |
| ----- YEAR 2039 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -2299.04 | -2668.29 | -2224.60 | -1348.62 | 0.00    | 0.00   |  |
| ----- YEAR 2040 -----            |           |      |          |          |          |          |         |        |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | -2072.94 | -2450.30 | 11769.22 | 12854.77 | 0.00    | 0.00   |  |
| THERMAL UNIT                     |           | 95   | 96       | 97       | 98       | 99       | 100     | 101    |  |
|                                  |           | 0    | CT_APC0  | CC_APC0  | IGCC AP  | PC_UL_AP | Nuke_AP | CT_I&M |  |
|                                  |           |      | 1        | 1        | 1        | 1        | 1       | 1      |  |
| ----- YEAR 2011 -----            |           |      |          |          |          |          |         |        |  |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     |         |        |  |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00 |          |          |          |          |         |        |  |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00 |          |          |          |          |         |        |  |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| BID PRICE CAPACITY FACTOR        | %         | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| BID PRICE COST FACTOR            | %         | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| BID PRICE INCREMENTAL SEASONAL P |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| BID PRICE MINIMUM SEASONAL POINT |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| CAPACITY REVENUE PROFILE         |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| CAPACITY SEGMENT PROFILE         |           | 0    | 0        | 126      | 106      | 102      | 0       | 0      |  |
| CAPITAL COSTS                    | \$000     | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| DERATION LIBRARY POINTER         |           | 0    | 120      | 121      | 123      | 118      | 124     | 120    |  |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00 | 1.00     | 1.00     | 1.00     | 1.00     | 1.00    | 1.00   |  |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00 | 1.00     | 1.00     | 1.00     | 1.00     | 1.00    | 1.00   |  |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00 | 8.28     | 9.51     | 69.51    | 32.36    | 69.05   | 8.28   |  |
| FIXED COSTS                      | \$000/YR  | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| FIXED SEASONAL RATE PROFILE      |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| HEAT RATE PROFILE                |           | 0    | 0        | 136      | 106      | 102      | 0       | 0      |  |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00 | 0.00     | 4.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| MAINTENANCE SEASONAL METHOD      |           | 1    | 1        | 1        | 1        | 1        | 1       | 1      |  |
| MAINTENANCE SEASONAL POINTER     |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| MATURE FORCED OUTAGE RATE        | %         | 0.00 | 3.00     | 4.00     | 7.50     | 5.40     | 1.00    | 3.00   |  |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| MAXIMUM CAPACITY                 | MW        | 0.00 | 86.00    | 618.00   | 637.00   | 624.00   | 800.00  | 86.00  |  |
| MINIMUM CAPACITY                 | MW        | 0.00 | 86.00    | 309.00   | 319.00   | 312.00   | 800.00  | 86.00  |  |
| MUST RUN INDICATOR               |           | 0    | 0        | 0        | 1        | 1        | 0       | 0      |  |
| PARTIAL OUTAGE RATE              | %         | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| PERCENT FIRM                     | %         | 0.00 | 97.00    | 96.00    | 92.50    | 94.60    | 99.00   | 97.00  |  |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00    | 0.00   |  |
| SEASONAL VARIABLE COST PROFILE   |           | 0    | 0        | 0        | 0        | 0        | 0       | 0      |  |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.00 | 9.03     | 3.49     | 4.16     | 3.57     | 5.73    | 9.03   |  |
| ----- YEAR 2012 -----            |           |      |          |          |          |          |         |        |  |
| ----- YEAR 2013 -----            |           |      |          |          |          |          |         |        |  |
| ----- YEAR 2014 -----            |           |      |          |          |          |          |         |        |  |
| ----- YEAR 2015 -----            |           |      |          |          |          |          |         |        |  |
| ----- YEAR 2016 -----            |           |      |          |          |          |          |         |        |  |
| ----- YEAR 2017 -----            |           |      |          |          |          |          |         |        |  |
| ----- YEAR 2018 -----            |           |      |          |          |          |          |         |        |  |

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:06 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | 95      | 96      | 97      | 98       | 99      | 100    | 101 |
|--------------|---------|---------|---------|----------|---------|--------|-----|
|              | CT_APCO | CC_APCO | IGCC AP | PC_UL_AP | Nuke_AP | CT_I&M |     |
|              | 0       | 1       | 1       | 1        | 1       | 1      | 1   |

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| THERMAL UNIT | 102    | 103     | 104      | 105     | 106     | 107     | 108     |
|--------------|--------|---------|----------|---------|---------|---------|---------|
|              | CC_I&M | IGCC IM | PC_UL_IM | NUKE_IM | CT_KPCO | CC_KPCO | IGCC KP |
|              | 1      | 1       | 1        | 1       | 1       | 1       | 1       |

| ----- YEAR 2011 -----            |           |        |        |        |        |       |        |
|----------------------------------|-----------|--------|--------|--------|--------|-------|--------|
| ANCILLARY REVENUE RATE           | \$/MWH    |        |        |        |        |       |        |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  |        |        |        |        |       |        |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  |        |        |        |        |       |        |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0      | 0      | 0      | 0      | 0     | 0      |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0      | 0      | 0      | 0      | 0     | 0      |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| BID PRICE CAPACITY FACTOR        | %         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| BID PRICE COST FACTOR            | %         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| BID PRICE INCREMENTAL SEASONAL P |           | 0      | 0      | 0      | 0      | 0     | 0      |
| BID PRICE MINIMUM SEASONAL POINT |           | 0      | 0      | 0      | 0      | 0     | 0      |
| CAPACITY REVENUE PROFILE         |           | 0      | 0      | 0      | 0      | 0     | 0      |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| CAPACITY SEGMENT PROFILE         |           | 126    | 106    | 102    | 0      | 125   | 106    |
| CAPITAL COSTS                    | \$/000    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| DERATION LIBRARY POINTER         |           | 121    | 123    | 118    | 124    | 120   | 123    |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00   | 1.00   | 1.00   | 1.00   | 1.00  | 1.00   |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00   | 1.00   | 1.00   | 1.00   | 1.00  | 1.00   |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 9.51   | 69.51  | 32.36  | 69.05  | 8.75  | 69.51  |
| FIXED COSTS                      | \$/000/YR | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| FIXED SEASONAL RATE PROFILE      |           | 0      | 0      | 0      | 0      | 0     | 0      |
| HEAT RATE PROFILE                |           | 136    | 106    | 102    | 0      | 193   | 106    |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 4.00   | 0.00   | 0.00   | 0.00   | 4.00  | 0.00   |
| MAINTENANCE SEASONAL METHOD      |           | 1      | 1      | 1      | 1      | 1     | 1      |
| MAINTENANCE SEASONAL POINTER     |           | 0      | 0      | 0      | 0      | 0     | 0      |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 7.50   | 5.40   | 1.00   | 3.00  | 7.50   |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0      | 0      | 0      | 0      | 0     | 0      |
| MAXIMUM CAPACITY                 | MW        | 618.00 | 637.00 | 624.00 | 800.00 | 85.00 | 637.00 |
| MINIMUM CAPACITY                 | MW        | 309.00 | 319.00 | 312.00 | 800.00 | 85.00 | 319.00 |
| MUST RUN INDICATOR               |           | 0      | 1      | 1      | 0      | 0     | 1      |
| PARTIAL OUTAGE RATE              | %         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |

## 1 A Input Summary.txt

|                                  |        |       |       |       |       |       |       |
|----------------------------------|--------|-------|-------|-------|-------|-------|-------|
| PARTIAL OUTAGE RATE SEASONAL PRO | 0      | 0     | 0     | 0     | 0     | 0     | 0     |
| PERCENT FIRM                     | %      | 96.00 | 92.50 | 94.60 | 99.00 | 97.00 | 96.00 |
| RENEWABLE ENERGY CREDIT          | RATIO  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| SEASONAL VARIABLE COST PROFILE   |        | 0     | 0     | 0     | 0     | 0     | 0     |
| VARIABLE O AND M COSTS           | \$/MWH | 3.49  | 4.16  | 3.57  | 5.73  | 8.85  | 3.00  |

----- YEAR 2012 -----  
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 ----- YEAR 2036 -----  
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 ----- YEAR 2040 -----

## THERMAL UNIT

|          |         |         |       |         |          |         |
|----------|---------|---------|-------|---------|----------|---------|
| 109      | 110     | 111     | 112   | 113     | 114      | 115     |
| PC_UL_KP | NUKE_KP | CT_OHIO | CC_OH | IGCC OH | PC_UL_OH | NUKE OH |
| 1        | 1       | 1       | 1     | 1       | 1        | 1       |

|                                  |           |       |       |      |      |       |       |
|----------------------------------|-----------|-------|-------|------|------|-------|-------|
| ----- YEAR 2011 -----            |           |       |       |      |      |       |       |
| ANCILLARY REVENUE RATE           | \$/MWH    |       |       |      |      |       |       |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  |       |       |      |      |       |       |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  |       |       |      |      |       |       |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0     | 0     | 0    | 0    | 0     | 0     |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0     | 0     | 0    | 0    | 0     | 0     |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| BID PRICE CAPACITY FACTOR        | %         | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| BID PRICE COST FACTOR            | %         | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| BID PRICE INCREMENTAL SEASONAL P |           | 0     | 0     | 0    | 0    | 0     | 0     |
| BID PRICE MINIMUM SEASONAL POINT |           | 0     | 0     | 0    | 0    | 0     | 0     |
| CAPACITY REVENUE PROFILE         |           | 0     | 0     | 0    | 0    | 0     | 0     |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| CAPACITY SEGMENT PROFILE         |           | 102   | 0     | 0    | 126  | 106   | 102   |
| CAPITAL COSTS                    | \$000     | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| DERATION LIBRARY POINTER         |           | 118   | 124   | 120  | 121  | 123   | 118   |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00  | 1.00  | 1.00 | 1.00 | 1.00  | 1.00  |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00  | 1.00  | 1.00 | 1.00 | 1.00  | 1.00  |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 32.36 | 69.05 | 8.28 | 9.51 | 69.51 | 32.36 |
| FIXED COSTS                      | \$000/YR  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  | 0.00  |
| FIXED SEASONAL RATE PROFILE      |           | 0     | 0     | 0    | 0    | 0     | 0     |
| HEAT RATE PROFILE                |           | 102   | 0     | 0    | 136  | 106   | 102   |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00  | 0.00  | 0.00 | 4.00 | 0.00  | 0.00  |
| MAINTENANCE SEASONAL METHOD      |           | 1     | 1     | 1    | 1    | 1     | 1     |
| MAINTENANCE SEASONAL POINTER     |           | 0     | 0     | 0    | 0    | 0     | 0     |
| MATURE FORCED OUTAGE RATE        | %         | 5.40  | 1.00  | 3.00 | 4.00 | 7.50  | 5.40  |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0     | 0     | 0    | 0    | 0     | 0     |



|                                  |        |                       |        |       |        |        |        |        |
|----------------------------------|--------|-----------------------|--------|-------|--------|--------|--------|--------|
|                                  |        | 1 A Input Summary.txt |        |       |        |        |        |        |
| MAXIMUM CAPACITY                 | MW     | 624.00                | 800.00 | 86.00 | 618.00 | 637.00 | 624.00 | 800.00 |
| MINIMUM CAPACITY                 | MW     | 312.00                | 800.00 | 86.00 | 309.00 | 319.00 | 312.00 | 800.00 |
| MUST RUN INDICATOR               |        | 1                     | 0      | 0     | 0      | 1      | 1      | 0      |
| PARTIAL OUTAGE RATE              | %      | 0.00                  | 0.00   | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   |
| PARTIAL OUTAGE RATE SEASONAL PRO |        | 0                     | 0      | 0     | 0      | 0      | 0      | 0      |
| PERCENT FIRM                     | %      | 94.60                 | 99.00  | 97.00 | 96.00  | 92.50  | 94.60  | 99.00  |
| RENEWABLE ENERGY CREDIT          | RATIO  | 0.00                  | 0.00   | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   |
| SEASONAL VARIABLE COST PROFILE   |        | 0                     | 0      | 0     | 0      | 0      | 0      | 0      |
| VARIABLE O AND M COSTS           | \$/MWH | 3.57                  | 5.73   | 9.03  | 3.49   | 4.16   | 3.57   | 5.73   |

----- YEAR 2012 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
# 02/12/13 08:27:06 V04.0 R03.0

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |          |         |         |       |         |          |         |
|--------------|----------|---------|---------|-------|---------|----------|---------|
| THERMAL UNIT | 109      | 110     | 111     | 112   | 113     | 114      | 115     |
|              | PC_UL_KP | NUKE_KP | CT_OHIO | CC_OH | IGCC OH | PC_UL_OH | NUKE OH |
|              | 1        | 1       | 1       | 1     | 1       | 1        | 1       |

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

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----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

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----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |          |         |         |         |         |         |          |
|--------------|----------|---------|---------|---------|---------|---------|----------|
| THERMAL UNIT | 116      | 118     | 119     | 120     | 121     | 122     | 126      |
|              | CC_FA_KP | BS1_Gas | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR |
|              | 1        | 1       | 1       | 1       | 23      | 1       | 5        |

----- YEAR 2011 -----

|                                  |          |      |      |      |      |      |      |
|----------------------------------|----------|------|------|------|------|------|------|
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0    | 0    | 0    | 0    | 0    | 0    |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0    | 0    | 0    | 0    | 0    | 0    |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BID PRICE CAPACITY FACTOR        | %        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| 1 A Input Summary.txt            |           |        |          |          |          |          |          |          |
|----------------------------------|-----------|--------|----------|----------|----------|----------|----------|----------|
| BID PRICE COST FACTOR            | %         | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE INCREMENTAL SEASONAL P |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| BID PRICE MINIMUM SEASONAL POINT |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| CAPACITY REVENUE PROFILE         |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| CAPACITY SEGMENT PROFILE         |           | 184    | 188      | 124      | 124      | 179      | 123      | 23       |
| CAPITAL COSTS                    | \$/000    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| DERATION LIBRARY POINTER         |           | 121    | 5        | 139      | 139      | 6        | 139      | 23       |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00   | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00   | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 11.35  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 3.44     |
| FIXED COSTS                      | \$/000/YR | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED SEASONAL RATE PROFILE      |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| HEAT RATE PROFILE                |           | 138    | 192      | 188      | 183      | 144      | 182      | 23       |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 4.00   | 0.00     | 4.00     | 4.00     | 0.00     | 4.00     | 0.00     |
| MAINTENANCE SEASONAL METHOD      |           | 1      | 1        | 1        | 1        | 1        | 1        | 1        |
| MAINTENANCE SEASONAL POINTER     |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 7.50     | 4.00     | 4.95     |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| MAXIMUM CAPACITY                 | MW        | 767.00 | 260.00   | 745.00   | 762.00   | 775.00   | 381.00   | 391.00   |
| MINIMUM CAPACITY                 | MW        | 192.00 | 100.00   | 373.00   | 381.00   | 300.00   | 191.00   | 130.00   |
| MUST RUN INDICATOR               |           | 0      | 0        | 0        | 0        | 0        | 0        | 1        |
| PARTIAL OUTAGE RATE              | %         | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| PERCENT FIRM                     | %         | 96.00  | 98.50    | 103.65   | 116.00   | 92.50    | 116.00   | 95.05    |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| SEASONAL VARIABLE COST PROFILE   |           | 0      | 0        | 0        | 0        | 0        | 0        | 0        |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.00   | 0.50     | 2.79     | 2.72     | 0.00     | 2.72     | 2.24     |
| ----- YEAR 2012 -----            |           |        |          |          |          |          |          |          |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 8.86     | 4.00     | 4.95     |
| PERCENT FIRM                     | %         | 96.00  | 98.50    | 103.65   | 116.00   | 91.14    | 116.00   | 95.05    |
| ----- YEAR 2013 -----            |           |        |          |          |          |          |          |          |
| ----- YEAR 2014 -----            |           |        |          |          |          |          |          |          |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 7.26     | 4.00     | 3.89     |
| PERCENT FIRM                     | %         | 96.00  | 98.50    | 103.65   | 116.00   | 92.74    | 116.00   | 96.11    |
| ----- YEAR 2015 -----            |           |        |          |          |          |          |          |          |
| FIXED COSTS                      | \$/000/YR | 0.00   | 6532.00  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 7.26     | 4.00     | 4.24     |
| PERCENT FIRM                     | %         | 96.00  | 98.50    | 103.65   | 116.00   | 92.74    | 116.00   | 95.76    |
| ----- YEAR 2016 -----            |           |        |          |          |          |          |          |          |
| FIXED COSTS                      | \$/000/YR | 0.00   | 8894.00  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 7.26     | 4.00     | 3.89     |
| PERCENT FIRM                     | %         | 96.00  | 98.50    | 103.65   | 116.00   | 92.74    | 116.00   | 96.11    |
| ----- YEAR 2017 -----            |           |        |          |          |          |          |          |          |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 11.35  | 0.00     | 14.52    | 13.11    | 0.00     | 13.11    | 3.44     |
| FIXED COSTS                      | \$/000/YR | 0.00   | 8695.00  | 45892.00 | 45949.00 | 66162.00 | 22975.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 2.66     | 4.00     | 4.24     |
| PERCENT FIRM                     | %         | 96.00  | 98.50    | 103.65   | 116.00   | 97.34    | 116.00   | 95.76    |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.00   | 0.50     | 2.79     | 2.72     | 7.75     | 2.72     | 2.24     |
| ----- YEAR 2018 -----            |           |        |          |          |          |          |          |          |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 11.35  | 0.00     | 23.71    | 23.17    | 0.00     | 23.17    | 3.44     |
| FIXED COSTS                      | \$/000/YR | 0.00   | 9960.00  | 45892.00 | 45949.00 | 68800.00 | 22975.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 3.49     | 4.00     | 4.24     |
| PERCENT FIRM                     | %         | 96.00  | 98.00    | 103.65   | 116.00   | 96.51    | 116.00   | 95.76    |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.00   | 0.50     | 2.79     | 2.72     | 7.90     | 2.72     | 2.24     |
| ----- YEAR 2019 -----            |           |        |          |          |          |          |          |          |
| FIXED COSTS                      | \$/000/YR | 0.00   | 9571.00  | 45892.00 | 45949.00 | 68478.00 | 22975.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 3.78     | 4.00     | 3.89     |
| PERCENT FIRM                     | %         | 96.00  | 98.00    | 103.65   | 116.00   | 96.22    | 116.00   | 96.11    |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.00   | 0.50     | 2.79     | 2.72     | 8.05     | 2.72     | 2.24     |
| ----- YEAR 2020 -----            |           |        |          |          |          |          |          |          |
| FIXED COSTS                      | \$/000/YR | 0.00   | 11357.00 | 45892.00 | 45949.00 | 70462.00 | 22975.00 | 11112.00 |
| MATURE FORCED OUTAGE RATE        | %         | 4.00   | 1.50     | 4.00     | 4.00     | 4.07     | 4.00     | 3.89     |
| PERCENT FIRM                     | %         | 96.00  | 98.00    | 103.65   | 116.00   | 95.93    | 116.00   | 96.11    |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.00   | 0.50     | 2.79     | 2.72     | 8.21     | 2.72     | 2.24     |
| ----- YEAR 2021 -----            |           |        |          |          |          |          |          |          |
| FIXED COSTS                      | \$/000/YR | 0.00   | 10968.00 | 45892.00 | 45949.00 | 75147.00 | 22975.00 | 18177.00 |
| PERCENT FIRM                     | %         | 96.00  | 97.50    | 103.65   | 116.00   | 95.93    | 116.00   | 96.11    |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.00   | 0.50     | 2.79     | 2.72     | 8.36     | 2.72     | 2.24     |
| ----- YEAR 2022 -----            |           |        |          |          |          |          |          |          |
| FIXED COSTS                      | \$/000/YR | 0.00   | 11379.00 | 45892.00 | 45949.00 | 77754.00 | 22975.00 | 24582.00 |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.00   | 0.50     | 2.79     | 2.72     | 8.52     | 2.72     | 2.24     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.THERMAL UNIT.

## 1 A Input Summary.txt

| THERMAL UNIT                     |          | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1  | 119<br>BS_RPWR<br>1  | 120<br>BS_BFCC<br>1  | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 |
|----------------------------------|----------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|
| ----- YEAR 2023 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 12789.00             | 45892.00             | 45949.00             | 80424.00             | 22975.00            | 30330.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 8.69                 | 2.72                | 2.24                 |
| ----- YEAR 2024 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 12200.00             | 45892.00             | 45949.00             | 83158.00             | 22975.00            | 34769.00             |
| PERCENT FIRM                     | %        | 96.00                | 97.00                | 103.65               | 116.00               | 95.93                | 116.00              | 96.11                |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 8.85                 | 2.72                | 2.24                 |
| ----- YEAR 2025 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 12611.00             | 45892.00             | 45949.00             | 85957.00             | 22975.00            | 41866.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 9.02                 | 2.72                | 2.24                 |
| ----- YEAR 2026 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 14005.00             | 45892.00             | 45949.00             | 88824.00             | 22975.00            | 46268.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 9.20                 | 2.72                | 2.24                 |
| ----- YEAR 2027 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 13399.00             | 45892.00             | 45949.00             | 91759.00             | 22975.00            | 52157.00             |
| PERCENT FIRM                     | %        | 96.00                | 96.50                | 103.65               | 116.00               | 95.93                | 116.00              | 96.11                |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 9.38                 | 2.72                | 2.24                 |
| ----- YEAR 2028 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 13793.00             | 45892.00             | 45949.00             | 94765.00             | 22975.00            | 59322.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 9.56                 | 2.72                | 2.24                 |
| ----- YEAR 2029 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 14187.00             | 45892.00             | 45949.00             | 97843.00             | 22975.00            | 64141.00             |
| PERCENT FIRM                     | %        | 96.00                | 96.00                | 103.65               | 116.00               | 95.93                | 116.00              | 96.11                |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 9.74                 | 2.72                | 2.24                 |
| ----- YEAR 2030 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 17449.00             | 45892.00             | 45949.00             | 100995.00            | 22975.00            | 70806.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 9.93                 | 2.72                | 2.24                 |
| ----- YEAR 2031 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 45892.00             | 45949.00             | 104223.00            | 22975.00            | 76807.00             |
| MATURE FORCED OUTAGE RATE        | %        | 4.00                 | 100.00               | 4.00                 | 4.00                 | 4.07                 | 4.00                | 3.89                 |
| PERCENT FIRM                     | %        | 96.00                | 0.00                 | 103.65               | 116.00               | 95.93                | 116.00              | 96.11                |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 10.12                | 2.72                | 2.24                 |
| ----- YEAR 2032 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 45892.00             | 45949.00             | 107528.00            | 22975.00            | 84015.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 10.31                | 2.72                | 2.24                 |
| ----- YEAR 2033 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 45892.00             | 45949.00             | 110913.00            | 22975.00            | 89978.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 10.51                | 2.72                | 2.24                 |
| ----- YEAR 2034 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 45892.00             | 45949.00             | 114379.00            | 22975.00            | 96560.00             |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 10.72                | 2.72                | 2.24                 |
| ----- YEAR 2035 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 45892.00             | 45949.00             | 117929.00            | 22975.00            | 105877.00            |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 10.92                | 2.72                | 2.24                 |
| ----- YEAR 2036 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 45892.00             | 45949.00             | 121564.00            | 22975.00            | 110462.00            |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 11.13                | 2.72                | 2.24                 |
| ----- YEAR 2037 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 0.00                 | 45949.00             | 125286.00            | 22975.00            | 117439.00            |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 11.35                | 2.72                | 2.24                 |
| ----- YEAR 2038 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 0.00                 | 45949.00             | 129098.00            | 22975.00            | 126202.00            |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 11.57                | 2.72                | 2.24                 |
| ----- YEAR 2039 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 0.00                 | 45949.00             | 133001.00            | 22975.00            | 132072.00            |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 11.79                | 2.72                | 2.24                 |
| ----- YEAR 2040 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 0.00                 | 180111.00            | 614908.00            | 90055.00            | 871608.00            |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.00                 | 0.50                 | 2.79                 | 2.72                 | 12.02                | 2.72                | 2.24                 |
| THERMAL UNIT                     |          | 127<br>CSV6_SCR<br>6 | 129<br>CR1_NGCC<br>1 | 130<br>CR2_NGCC<br>2 | 131<br>MR5_NGCC<br>5 | 132<br>MR5_FGD<br>5  | 133<br>RP1D_IM<br>1 | 134<br>RP2D_IM<br>2  |
| ----- YEAR 2011 -----            |          |                      |                      |                      |                      |                      |                     |                      |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                 |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                 |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                 |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0                    | 0                    | 0                    | 0                    | 0                    | 0                   | 0                    |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0                    | 0                    | 0                    | 0                    | 0                    | 0                   | 0                    |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                 |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                 |
| BID PRICE CAPACITY FACTOR        | %        | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                 |
| BID PRICE COST FACTOR            | %        | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                 |
| BID PRICE INCREMENTAL SEASONAL P |          | 0                    | 0                    | 0                    | 0                    | 0                    | 0                   | 0                    |

1 A Input Summary.txt

|                                                                              |           |        |        |        |        |          |          |
|------------------------------------------------------------------------------|-----------|--------|--------|--------|--------|----------|----------|
| BID PRICE MINIMUM SEASONAL POINT                                             | 0         | 0      | 0      | 0      | 0      | 0        | 0        |
| CAPACITY REVENUE PROFILE                                                     | 0         | 0      | 0      | 0      | 0      | 0        | 0        |
| CAPACITY REVENUE RATE                                                        | \$/KW     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| CAPACITY SEGMENT PROFILE                                                     | 24        | 185    | 185    | 186    | 134    | 146      | 147      |
| CAPITAL COSTS                                                                | \$000     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| DERATION LIBRARY POINTER                                                     | 24        | 121    | 121    | 121    | 50     | 58       | 59       |
| DISPATCH PENALTY AT MAXIMUM                                                  | 1.00      | 1.00   | 1.00   | 1.00   | 1.00   | 1.00     | 1.00     |
| DISPATCH PENALTY AT MINIMUM                                                  | 1.00      | 1.00   | 1.00   | 1.00   | 1.00   | 1.00     | 1.00     |
| ENERGY MARGIN CAPACITY FACTOR                                                | FRACTION  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| FIXED ANNUAL CAPACITY RATE                                                   | \$/KW/YR  | 3.44   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| FIXED COSTS                                                                  | \$000/YR  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| FIXED SEASONAL CAPACITY RATE                                                 | \$/KW/SEA | 0.00   | 9.51   | 9.51   | 9.51   | 0.00     | 0.00     |
| FIXED SEASONAL RATE PROFILE                                                  | 0         | 0      | 0      | 0      | 0      | 0        | 0        |
| HEAT RATE PROFILE                                                            | 24        | 184    | 185    | 186    | 50     | 167      | 168      |
| MAINTENANCE REQUIREMENT                                                      | WKS/YEAR  | 0.00   | 4.00   | 4.00   | 4.00   | 0.00     | 0.00     |
| MAINTENANCE SEASONAL METHOD                                                  | 1         | 1      | 1      | 1      | 1      | 1        | 1        |
| MAINTENANCE SEASONAL POINTER                                                 | 0         | 0      | 0      | 0      | 0      | 0        | 0        |
| MATURE FORCED OUTAGE RATE                                                    | %         | 7.69   | 4.00   | 4.00   | 4.00   | 6.00     | 6.74     |
| MATURE OUTAGE RATE SEASONAL PROF                                             | 0         | 0      | 0      | 0      | 0      | 0        | 0        |
| MAXIMUM CAPACITY                                                             | MW        | 391.00 | 212.00 | 212.00 | 510.00 | 591.00   | 1126.00  |
| MINIMUM CAPACITY                                                             | MW        | 130.00 | 60.00  | 60.00  | 255.00 | 400.00   | 510.00   |
| MUST RUN INDICATOR                                                           | 1         | 0      | 0      | 1      | 1      | 1        | 1        |
| PARTIAL OUTAGE RATE                                                          | %         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| PARTIAL OUTAGE RATE SEASONAL PRO                                             | 0         | 0      | 0      | 0      | 0      | 0        | 0        |
| PERCENT FIRM                                                                 | %         | 92.31  | 96.00  | 96.00  | 96.00  | 92.50    | 93.26    |
| RENEWABLE ENERGY CREDIT                                                      | RATIO     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     |
| SEASONAL VARIABLE COST PROFILE                                               | 0         | 0      | 0      | 0      | 0      | 0        | 0        |
| VARIABLE O AND M COSTS                                                       | \$/MWH    | 2.24   | 3.49   | 3.49   | 3.49   | 8.18     | 9.44     |
| ----- YEAR 2012 -----                                                        |           |        |        |        |        |          |          |
| MATURE FORCED OUTAGE RATE                                                    | %         | 8.43   | 4.00   | 4.00   | 4.00   | 6.00     | 6.92     |
| PERCENT FIRM                                                                 | %         | 91.57  | 96.00  | 96.00  | 96.00  | 94.00    | 93.08    |
| VARIABLE O AND M COSTS                                                       | \$/MWH    | 2.24   | 3.49   | 3.49   | 3.49   | 8.33     | 9.59     |
| ----- YEAR 2013 -----                                                        |           |        |        |        |        |          |          |
| MATURE FORCED OUTAGE RATE                                                    | %         | 8.43   | 4.00   | 4.00   | 4.00   | 6.00     | 6.77     |
| PERCENT FIRM                                                                 | %         | 91.57  | 96.00  | 96.00  | 96.00  | 93.00    | 93.23    |
| VARIABLE O AND M COSTS                                                       | \$/MWH    | 2.24   | 3.49   | 3.49   | 3.49   | 8.48     | 9.62     |
| ----- YEAR 2014 -----                                                        |           |        |        |        |        |          |          |
| MATURE FORCED OUTAGE RATE                                                    | %         | 4.91   | 4.00   | 4.00   | 4.00   | 6.00     | 6.77     |
| PERCENT FIRM                                                                 | %         | 95.09  | 96.00  | 96.00  | 96.00  | 94.50    | 93.23    |
| VARIABLE O AND M COSTS                                                       | \$/MWH    | 2.24   | 3.49   | 3.49   | 3.49   | 8.64     | 10.10    |
| ----- YEAR 2015 -----                                                        |           |        |        |        |        |          |          |
| MATURE FORCED OUTAGE RATE                                                    | %         | 5.32   | 4.00   | 4.00   | 4.00   | 6.00     | 6.77     |
| PERCENT FIRM                                                                 | %         | 94.68  | 96.00  | 96.00  | 96.00  | 94.00    | 93.23    |
| VARIABLE O AND M COSTS                                                       | \$/MWH    | 2.24   | 3.49   | 3.49   | 3.49   | 8.80     | 10.28    |
| ----- YEAR 2016 -----                                                        |           |        |        |        |        |          |          |
| FIXED COSTS                                                                  | \$000/YR  | 0.00   | 0.00   | 0.00   | 0.00   | 42601.00 | 12488.00 |
| MATURE FORCED OUTAGE RATE                                                    | %         | 4.50   | 4.00   | 4.00   | 4.00   | 6.50     | 6.77     |
| PERCENT FIRM                                                                 | %         | 95.50  | 96.00  | 96.00  | 96.00  | 93.50    | 93.23    |
| VARIABLE O AND M COSTS                                                       | \$/MWH    | 2.24   | 3.49   | 3.49   | 3.49   | 8.97     | 10.45    |
| ----- YEAR 2017 -----                                                        |           |        |        |        |        |          |          |
| DERATION LIBRARY POINTER                                                     | 24        | 121    | 121    | 121    | 50     | 59       | 59       |
| FIXED COSTS                                                                  | \$000/YR  | 0.00   | 0.00   | 0.00   | 0.00   | 45867.00 | 32152.00 |
| MATURE FORCED OUTAGE RATE                                                    | %         | 4.09   | 4.00   | 4.00   | 4.00   | 5.50     | 6.77     |
| PERCENT FIRM                                                                 | %         | 95.91  | 96.00  | 96.00  | 96.00  | 94.50    | 93.23    |
| VARIABLE O AND M COSTS                                                       | \$/MWH    | 2.24   | 3.49   | 3.49   | 3.49   | 9.14     | 10.66    |
| ----- YEAR 2018 -----                                                        |           |        |        |        |        |          |          |
| FIXED COSTS                                                                  | \$000/YR  | 0.00   | 0.00   | 0.00   | 0.00   | 46810.00 | 32396.00 |
| NOTE: DATA DISPLAYED AFTER 2011 ONLY IF<br>VALUE CHANGED FROM PREVIOUS YEAR. |           |        |        |        |        |          |          |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT              | 127           | 129           | 130           | 131           | 132          | 133          | 134          |
|---------------------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|
|                           | CSV6_SCR<br>6 | CR1_NGCC<br>1 | CR2_NGCC<br>2 | MR5_NGCC<br>5 | MR5_FGD<br>5 | RP1D_IM<br>1 | RP2D_IM<br>2 |
| ----- YEAR 2018 -----     |               |               |               |               |              |              |              |
| MATURE FORCED OUTAGE RATE | %             | 4.09          | 4.00          | 4.00          | 4.00         | 6.00         | 6.77         |
| PERCENT FIRM              | %             | 95.91         | 96.00         | 96.00         | 96.00        | 94.00        | 93.23        |
| VARIABLE O AND M COSTS    | \$/MWH        | 2.24          | 3.49          | 3.49          | 3.49         | 9.31         | 10.87        |
| ----- YEAR 2019 -----     |               |               |               |               |              |              |              |
| FIXED COSTS               | \$000/YR      | 0.00          | 0.00          | 0.00          | 0.00         | 48098.00     | 28107.00     |
| MATURE FORCED OUTAGE RATE | %             | 4.50          | 4.00          | 4.00          | 4.00         | 6.50         | 6.77         |
| PERCENT FIRM              | %             | 95.50         | 96.00         | 96.00         | 96.00        | 93.50        | 93.23        |
| VARIABLE O AND M COSTS    | \$/MWH        | 2.24          | 3.49          | 3.49          | 3.49         | 9.49         | 11.06        |
| ----- YEAR 2020 -----     |               |               |               |               |              |              |              |
| FIXED COSTS               | \$000/YR      | 12385.00      | 0.00          | 0.00          | 0.00         | 49427.00     | 34154.00     |
| MATURE FORCED OUTAGE RATE | %             | 4.50          | 4.00          | 4.00          | 4.00         | 7.00         | 6.77         |
| PERCENT FIRM              | %             | 95.50         | 96.00         | 96.00         | 96.00        | 93.00        | 93.23        |
| VARIABLE O AND M COSTS    | \$/MWH        | 2.24          | 3.49          | 3.49          | 3.49         | 9.68         | 11.27        |

## 1 A Input Summary.txt

| 1 A Input Summary.txt            |          |           |         |      |         |          |           |           |         |
|----------------------------------|----------|-----------|---------|------|---------|----------|-----------|-----------|---------|
| ----- YEAR 2021 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 22001.00  | 0.00    | 0.00 | 0.00    | 50237.00 | 38905.00  | 40228.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 9.86     | 11.48     | 0.86      |         |
| ----- YEAR 2022 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 26162.00  | 0.00    | 0.00 | 0.00    | 51000.00 | 43490.00  | 42074.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 10.06    | 11.70     | 0.88      |         |
| ----- YEAR 2023 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 34547.00  | 0.00    | 0.00 | 0.00    | 51794.00 | 48339.00  | 45183.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 10.25    | 11.91     | 0.90      |         |
| ----- YEAR 2024 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 40838.00  | 0.00    | 0.00 | 0.00    | 52614.00 | 46003.00  | 50809.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 10.45    | 12.14     | 0.92      |         |
| ----- YEAR 2025 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 47551.00  | 0.00    | 0.00 | 0.00    | 53437.00 | 50472.00  | 49952.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 10.65    | 12.36     | 0.94      |         |
| ----- YEAR 2026 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 52489.00  | 0.00    | 0.00 | 0.00    | 54281.00 | 52630.00  | 54606.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 10.85    | 12.59     | 0.96      |         |
| ----- YEAR 2027 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 59756.00  | 0.00    | 0.00 | 0.00    | 55142.00 | 56762.00  | 50654.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 11.06    | 12.82     | 0.99      |         |
| ----- YEAR 2028 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 68602.00  | 0.00    | 0.00 | 0.00    | 56018.00 | 58407.00  | 55179.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 11.27    | 13.06     | 1.01      |         |
| ----- YEAR 2029 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 73207.00  | 0.00    | 0.00 | 0.00    | 56911.00 | 66956.00  | 52462.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 11.48    | 13.30     | 1.03      |         |
| ----- YEAR 2030 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 79663.00  | 0.00    | 0.00 | 0.00    | 57822.00 | 66040.00  | 55614.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 11.70    | 13.55     | 1.05      |         |
| ----- YEAR 2031 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 87421.00  | 0.00    | 0.00 | 0.00    | 58750.00 | 67988.00  | 61335.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 11.92    | 13.80     | 1.08      |         |
| ----- YEAR 2032 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 96051.00  | 0.00    | 0.00 | 0.00    | 59697.00 | 72699.00  | 58273.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 12.14    | 14.05     | 1.10      |         |
| ----- YEAR 2033 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 102301.00 | 0.00    | 0.00 | 0.00    | 60662.00 | 74830.00  | 58936.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 12.37    | 14.31     | 1.12      |         |
| ----- YEAR 2034 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 112564.00 | 0.00    | 0.00 | 0.00    | 61645.00 | 79589.00  | 58995.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 12.61    | 14.57     | 1.15      |         |
| ----- YEAR 2035 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 118381.00 | 0.00    | 0.00 | 0.00    | 62647.00 | 87242.00  | 61127.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 12.85    | 14.84     | 1.17      |         |
| ----- YEAR 2036 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 126396.00 | 0.00    | 0.00 | 0.00    | 39025.00 | 72766.00  | 65968.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 13.09    | 15.12     | 1.20      |         |
| ----- YEAR 2037 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 133475.00 | 0.00    | 0.00 | 0.00    | 36875.00 | 70165.00  | 62501.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 13.34    | 15.39     | 1.22      |         |
| ----- YEAR 2038 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 143842.00 | 0.00    | 0.00 | 0.00    | 37585.00 | 70582.00  | 66847.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 13.59    | 15.68     | 1.25      |         |
| ----- YEAR 2039 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 150119.00 | 0.00    | 0.00 | 0.00    | 37670.00 | 75274.00  | 64536.00  |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 13.85    | 15.97     | 1.28      |         |
| ----- YEAR 2040 -----            |          |           |         |      |         |          |           |           |         |
| FIXED COSTS                      | \$000/YR | 988756.00 | 0.00    | 0.00 | 0.00    | 94557.00 | 445684.00 | 301772.00 |         |
| VARIABLE O AND M COSTS           | \$/MWH   | 2.24      | 3.49    | 3.49 | 3.49    | 14.11    | 16.26     | 1.30      |         |
| THERMAL UNIT                     |          |           |         |      |         |          |           |           |         |
|                                  |          | 135       | 136     | 137  | 144     | 153      | 185       | 186       |         |
|                                  | TAN4_FGD | 4         | RP1D_KP | 1    | RP2D_KP | 2        | TC4_ESP   | 4         | MTN_18% |
|                                  |          |           |         |      |         |          | 1         | RP1D_03   | 1       |
|                                  |          |           |         |      |         |          |           |           | 1       |
| ----- YEAR 2011 -----            |          |           |         |      |         |          |           |           |         |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00      | 0       | 0    | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00      |         |      | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00      |         |      | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0         | 0       | 0    | 0       | 0        | 0         | 0         | 0       |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0         | 0       | 0    | 0       | 0        | 0         | 0         | 0       |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00      | 0.00    | 0.00 | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |
| BID PRICE AT MINIMUM             | \$/MWH   | 0.00      | 0.00    | 0.00 | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |
| BID PRICE CAPACITY FACTOR        | %        | 0.00      | 0.00    | 0.00 | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |
| BID PRICE COST FACTOR            | %        | 0.00      | 0.00    | 0.00 | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |
| BID PRICE INCREMENTAL SEASONAL P |          | 0         | 0       | 0    | 0       | 0        | 0         | 0         | 0       |
| BID PRICE MINIMUM SEASONAL POINT |          | 0         | 0       | 0    | 0       | 0        | 0         | 0         | 0       |
| CAPACITY REVENUE PROFILE         |          | 0         | 0       | 0    | 0       | 0        | 0         | 0         | 0       |
| CAPACITY REVENUE RATE            | \$/KW    | 0.00      | 0.00    | 0.00 | 0.00    | 0.00     | 0.00      | 0.00      | 0.00    |

| 1 A Input Summary.txt            |           |        |        |        |        |          |         |         |
|----------------------------------|-----------|--------|--------|--------|--------|----------|---------|---------|
| CAPACITY SEGMENT PROFILE         |           | 175    | 0      | 0      | 69     | 98       | 180     | 58      |
| CAPITAL COSTS                    | \$000     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00    |
| DERATION LIBRARY POINTER         |           | 69     | 58     | 59     | 69     | 98       | 58      | 58      |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00   | 1.00   | 1.00   | 1.00   | 1.00     | 1.00    | 1.00    |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00   | 1.00   | 1.00   | 1.00   | 1.00     | 1.00    | 1.00    |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00    |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00    |
| FIXED COSTS                      | \$000/YR  | 0.00   | 0.00   | 0.00   | 0.00   | 13534.59 | 0.00    | 0.00    |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00    |
| FIXED SEASONAL RATE PROFILE      |           | 0      | 0      | 0      | 0      | 0        | 0       | 0       |
| HEAT RATE PROFILE                |           | 147    | 0      | 0      | 69     | 181      | 167     | 58      |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00    |
| MAINTENANCE SEASONAL METHOD      |           | 1      | 1      | 1      | 1      | 1        | 1       | 1       |
| MAINTENANCE SEASONAL POINTER     |           | 0      | 0      | 0      | 0      | 0        | 0       | 0       |
| MATURE FORCED OUTAGE RATE        | %         | 16.44  | 6.74   | 6.31   | 16.44  | 5.22     | 6.74    | 8.00    |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0      | 0      | 0      | 0      | 0        | 0       | 0       |
| MAXIMUM CAPACITY                 | MW        | 492.00 | 198.00 | 195.00 | 500.00 | 1256.00  | 1090.00 | 1105.00 |
| MINIMUM CAPACITY                 | MW        | 295.00 | 198.00 | 195.00 | 300.00 | 600.00   | 359.00  | 370.00  |
| MUST RUN INDICATOR               |           | 1      | 0      | 0      | 1      | 1        | 1       | 0       |
| PARTIAL OUTAGE RATE              | %         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00    |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0      | 0      | 0      | 0      | 0        | 0       | 0       |
| PERCENT FIRM                     | %         | 83.56  | 93.26  | 93.69  | 83.56  | 94.78    | 93.26   | 92.00   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00     | 0.00    | 0.00    |
| SEASONAL VARIABLE COST PROFILE   |           | 0      | 0      | 0      | 0      | 250      | 0       | 0       |
| VARIABLE O AND M COSTS           | \$/MWH    | 3.25   | 1.19   | 0.89   | 3.25   | 3.46     | 7.76    | 0.99    |

|                           |          |       |         |         |       |          |       |       |
|---------------------------|----------|-------|---------|---------|-------|----------|-------|-------|
| ----- YEAR 2012 -----     |          |       |         |         |       |          |       |       |
| FIXED COSTS               | \$000/YR | 0.00  | 2201.00 | 2728.00 | 0.00  | 29605.59 | 0.00  | 0.00  |
| MATURE FORCED OUTAGE RATE | %        | 17.05 | 9.95    | 11.86   | 17.05 | 5.03     | 6.92  | 7.10  |
| PERCENT FIRM              | %        | 82.95 | 90.05   | 88.14   | 82.95 | 94.97    | 93.08 | 92.90 |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25  | 1.23    | 0.92    | 3.25  | 3.46     | 7.88  | 0.99  |

|                           |          |       |         |         |       |          |       |       |
|---------------------------|----------|-------|---------|---------|-------|----------|-------|-------|
| ----- YEAR 2013 -----     |          |       |         |         |       |          |       |       |
| FIXED COSTS               | \$000/YR | 0.00  | 2520.00 | 3326.00 | 0.00  | 35115.84 | 0.00  | 0.00  |
| MATURE FORCED OUTAGE RATE | %        | 19.54 | 7.63    | 11.43   | 19.54 | 4.99     | 6.77  | 7.00  |
| PERCENT FIRM              | %        | 80.46 | 92.37   | 88.57   | 80.46 | 95.01    | 93.23 | 93.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25  | 1.26    | 0.94    | 3.25  | 3.46     | 8.09  | 0.99  |

|                           |          |       |         |         |       |          |      |          |
|---------------------------|----------|-------|---------|---------|-------|----------|------|----------|
| ----- YEAR 2014 -----     |          |       |         |         |       |          |      |          |
| FIXED COSTS               | \$000/YR | 0.00  | 3370.00 | 4118.00 | 0.00  | 53294.17 | 0.00 | 19368.00 |
| MATURE FORCED OUTAGE RATE | %        | 19.54 | 10.24   | 10.55   | 19.54 | 4.99     | 6.77 | 7.00     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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# AEP EAST GENERATION AND FUEL MODULE INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT              |          | 135<br>TAN4_FGD<br>4 | 136<br>RP1D_KP<br>1 | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 |
|---------------------------|----------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| ----- YEAR 2014 -----     |          |                      |                     |                     |                     |                     |                     |                      |
| PERCENT FIRM              | %        | 80.46                | 89.76               | 89.45               | 80.46               | 95.01               | 93.23               | 93.00                |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25                 | 1.29                | 0.98                | 3.25                | 3.46                | 8.22                | 0.99                 |
| ----- YEAR 2015 -----     |          |                      |                     |                     |                     |                     |                     |                      |
| FIXED COSTS               | \$000/YR | 0.00                 | 4422.00             | 4781.00             | 0.00                | 45879.80            | 0.00                | 13893.00             |
| MATURE FORCED OUTAGE RATE | %        | 19.54                | 9.69                | 11.36               | 19.54               | 4.99                | 6.77                | 7.00                 |
| PERCENT FIRM              | %        | 80.46                | 90.31               | 88.64               | 80.46               | 95.01               | 93.23               | 93.00                |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25                 | 1.32                | 1.00                | 3.25                | 3.46                | 8.39                | 0.99                 |
| ----- YEAR 2016 -----     |          |                      |                     |                     |                     |                     |                     |                      |
| FIXED COSTS               | \$000/YR | 0.00                 | 11712.00            | 5123.00             | 0.00                | 86618.34            | 51019.00            | 0.00                 |
| MATURE FORCED OUTAGE RATE | %        | 19.54                | 4.10                | 6.58                | 19.54               | 4.99                | 6.77                | 100.00               |
| MAXIMUM CAPACITY          | MW       | 492.00               | 203.40              | 195.00              | 500.00              | 1256.00             | 1090.00             | 1105.00              |
| MINIMUM CAPACITY          | MW       | 295.00               | 203.40              | 195.00              | 300.00              | 600.00              | 359.00              | 370.00               |
| PERCENT FIRM              | %        | 80.46                | 95.90               | 93.42               | 80.46               | 95.01               | 93.23               | 0.00                 |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25                 | 1.34                | 1.01                | 3.25                | 3.46                | 8.48                | 0.99                 |
| ----- YEAR 2017 -----     |          |                      |                     |                     |                     |                     |                     |                      |
| DERATION LIBRARY POINTER  |          | 69                   | 58                  | 59                  | 69                  | 98                  | 59                  | 59                   |
| FIXED COSTS               | \$000/YR | 0.00                 | 13196.00            | 5335.00             | 0.00                | 73117.19            | 68050.00            | 0.00                 |
| MATURE FORCED OUTAGE RATE | %        | 19.54                | 4.32                | 5.34                | 19.54               | 4.99                | 6.77                | 100.00               |
| PERCENT FIRM              | %        | 80.46                | 95.68               | 94.66               | 80.46               | 95.01               | 93.23               | 0.00                 |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25                 | 1.36                | 1.03                | 3.25                | 3.46                | 8.65                | 0.99                 |
| ----- YEAR 2018 -----     |          |                      |                     |                     |                     |                     |                     |                      |
| FIXED COSTS               | \$000/YR | 0.00                 | 14362.00            | 5638.00             | 0.00                | 87219.08            | 68104.00            | 0.00                 |
| MATURE FORCED OUTAGE RATE | %        | 19.54                | 4.80                | 5.28                | 19.54               | 4.99                | 6.77                | 100.00               |
| PERCENT FIRM              | %        | 80.46                | 95.20               | 94.72               | 80.46               | 95.01               | 93.23               | 0.00                 |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25                 | 1.38                | 1.04                | 3.25                | 3.46                | 8.80                | 0.99                 |
| ----- YEAR 2019 -----     |          |                      |                     |                     |                     |                     |                     |                      |
| FIXED COSTS               | \$000/YR | 0.00                 | 14890.00            | 6657.00             | 0.00                | 80550.57            | 65087.00            | 0.00                 |
| MATURE FORCED OUTAGE RATE | %        | 19.54                | 4.80                | 4.93                | 19.54               | 4.99                | 6.77                | 100.00               |
| MAXIMUM CAPACITY          | MW       | 492.00               | 203.40              | 200.40              | 500.00              | 1256.00             | 1090.00             | 1105.00              |
| MINIMUM CAPACITY          | MW       | 295.00               | 203.40              | 200.40              | 300.00              | 600.00              | 359.00              | 370.00               |
| PERCENT FIRM              | %        | 80.46                | 95.20               | 95.07               | 80.46               | 95.01               | 93.23               | 0.00                 |
| VARIABLE O AND M COSTS    | \$/MWH   | 3.25                 | 1.40                | 1.06                | 3.25                | 3.46                | 8.96                | 0.99                 |
| ----- YEAR 2020 -----     |          |                      |                     |                     |                     |                     |                     |                      |

|                                  |          |          |          |          |          |           |          |         |
|----------------------------------|----------|----------|----------|----------|----------|-----------|----------|---------|
| 1 A Input Summary.txt            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 15202.00 | 6823.00  | 0.00     | 86465.66  | 68290.00 | 0.00    |
| MATURE FORCED OUTAGE RATE        | %        | 19.54    | 3.95     | 3.52     | 19.54    | 4.99      | 6.77     | 100.00  |
| PERCENT FIRM                     | %        | 80.46    | 96.05    | 96.48    | 80.46    | 95.01     | 93.23    | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.42     | 1.07     | 3.25     | 3.46      | 9.12     | 0.99    |
| ----- YEAR 2021 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 15586.00 | 7173.00  | 0.00     | 91550.24  | 68117.00 | 0.00    |
| MATURE FORCED OUTAGE RATE        | %        | 19.54    | 4.94     | 4.93     | 19.54    | 4.99      | 6.77     | 100.00  |
| PERCENT FIRM                     | %        | 80.46    | 95.06    | 95.07    | 80.46    | 95.01     | 93.23    | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.44     | 1.09     | 3.25     | 3.46      | 9.30     | 0.99    |
| ----- YEAR 2022 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 15976.00 | 7571.00  | 0.00     | 63191.60  | 74913.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.46     | 1.10     | 3.25     | 3.46      | 9.47     | 0.99    |
| ----- YEAR 2023 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 16302.00 | 7915.00  | 0.00     | 63474.61  | 88293.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.48     | 1.12     | 3.25     | 3.46      | 9.65     | 0.99    |
| ----- YEAR 2024 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 16675.00 | 8288.00  | 0.00     | 71955.60  | 85988.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.50     | 1.13     | 3.25     | 3.46      | 9.83     | 0.99    |
| ----- YEAR 2025 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 17049.00 | 8669.00  | 0.00     | 69202.64  | 89696.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.52     | 1.15     | 3.25     | 3.46      | 10.02    | 0.99    |
| ----- YEAR 2026 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 17418.00 | 9043.00  | 0.00     | 91234.39  | 83347.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.55     | 1.17     | 3.25     | 3.46      | 10.21    | 0.99    |
| ----- YEAR 2027 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 17800.00 | 9429.00  | 0.00     | 73539.90  | 89477.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.57     | 1.18     | 3.25     | 3.46      | 10.40    | 0.99    |
| ----- YEAR 2028 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 18185.00 | 9818.00  | 0.00     | 81342.54  | 86148.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.59     | 1.20     | 3.25     | 3.46      | 10.59    | 0.99    |
| ----- YEAR 2029 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 18573.00 | 10211.00 | 0.00     | 79760.94  | 95793.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.61     | 1.23     | 3.25     | 3.46      | 10.79    | 0.99    |
| ----- YEAR 2030 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 18968.00 | 10609.00 | 0.00     | 88078.74  | 87566.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.64     | 1.24     | 3.25     | 3.46      | 10.99    | 0.99    |
| ----- YEAR 2031 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 19367.00 | 11012.00 | 0.00     | 80023.92  | 70757.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.66     | 1.26     | 3.25     | 3.46      | 11.19    | 0.99    |
| ----- YEAR 2032 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 19771.00 | 11420.00 | 0.00     | 76195.13  | 63106.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.68     | 1.28     | 3.25     | 3.46      | 11.40    | 0.99    |
| ----- YEAR 2033 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 20181.00 | 11833.00 | 0.00     | 67427.20  | 67693.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.71     | 1.30     | 3.25     | 3.46      | 11.61    | 0.99    |
| ----- YEAR 2034 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 20595.00 | 12251.00 | 0.00     | 68825.85  | 62989.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.73     | 1.32     | 3.25     | 3.46      | 11.83    | 0.99    |
| ----- YEAR 2035 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 21014.00 | 12674.00 | 0.00     | 61143.53  | 68040.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.76     | 1.34     | 3.25     | 3.46      | 12.05    | 0.99    |
| ----- YEAR 2036 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 21439.00 | 13102.00 | 0.00     | 83592.85  | 64257.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.78     | 1.35     | 3.25     | 3.46      | 12.27    | 0.99    |
| ----- YEAR 2037 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 21808.00 | 13189.00 | 0.00     | 59044.96  | 57962.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.81     | 1.37     | 3.25     | 3.46      | 12.50    | 0.99    |
| ----- YEAR 2038 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 21990.00 | 12982.00 | 0.00     | 65166.14  | 55995.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.84     | 1.39     | 3.25     | 3.46      | 12.74    | 0.99    |
| ----- YEAR 2039 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 21923.00 | 13097.00 | 0.00     | 61218.57  | 48940.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.86     | 1.41     | 3.25     | 3.46      | 12.97    | 0.99    |
| ----- YEAR 2040 -----            |          |          |          |          |          |           |          |         |
| FIXED COSTS                      | \$000/YR | 0.00     | 80091.00 | 69044.00 | 0.00     | 511774.31 | 77846.00 | 0.00    |
| VARIABLE O AND M COSTS           | \$/MWH   | 3.25     | 1.89     | 1.43     | 3.25     | 3.46      | 13.21    | 0.99    |
| THERMAL UNIT                     |          |          |          |          |          |           |          |         |
|                                  |          | 187      | 188      | 189      | 190      | 191       | 193      | 194     |
|                                  |          | RP2TR_IM | RP1TR_KP | RP2TR_KP | T4_TRONA | T4_TRCCR  | ML_KP20  | ML_KP20 |
|                                  |          | 2        | 1        | 2        | 4        | 4         | 1        | 2       |
| ----- YEAR 2011 -----            |          |          |          |          |          |           |          |         |
| ANCILLARY REVENUE RATE           | \$/MWH   | 0.00     |          | 0        | 0.00     | 0.00      | 0.00     | 0.00    |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH | 0.00     |          |          | 0.00     | 0.00      | 0.00     | 0.00    |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH | 0.00     |          |          | 0.00     | 0.00      | 0.00     | 0.00    |
| AVG HEAT RATE MAXIMUM SEASONAL P |          | 0        | 0        | 0        | 0        | 0         | 0        | 0       |
| AVG HEAT RATE MINIMUM SEASONAL P |          | 0        | 0        | 0        | 0        | 0         | 0        | 0       |
| BID PRICE AT INCREMENTAL         | \$/MWH   | 0.00     | 0.00     | 0.00     | 0.00     | 0.00      | 0.00     | 0.00    |

| 1 A Input Summary.txt            |           |      |      |      |      |      |      |      |
|----------------------------------|-----------|------|------|------|------|------|------|------|
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BID PRICE CAPACITY FACTOR        | %         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BID PRICE COST FACTOR            | %         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BID PRICE INCREMENTAL SEASONAL P |           | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| BID PRICE MINIMUM SEASONAL POINT |           | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| CAPACITY REVENUE PROFILE         |           | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CAPACITY SEGMENT PROFILE         |           | 59   | 0    | 0    | 69   | 69   | 189  | 190  |
| CAPITAL COSTS                    | \$000     | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DERATION LIBRARY POINTER         |           | 59   | 58   | 59   | 69   | 69   | 43   | 44   |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FIXED COSTS                      | \$000/YR  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FIXED SEASONAL RATE PROFILE      |           | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| HEAT RATE PROFILE                |           | 59   | 0    | 0    | 69   | 69   | 190  | 190  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
\* 02/12/13 08:27:07 V04.0 R03.0

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     |          | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 | 189<br>RP2TR_KP<br>2 | 190<br>T4_TRONA<br>4 | 191<br>T4_TRCCR<br>4 | 193<br>ML_KP20<br>1 | 194<br>ML_KP20<br>2 |
|----------------------------------|----------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|
| ----- YEAR 2011 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| MAINTENANCE REQUIREMENT          | WKS/YEAR | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                |
| MAINTENANCE SEASONAL METHOD      |          | 1                    | 1                    | 1                    | 1                    | 1                    | 1                   | 1                   |
| MAINTENANCE SEASONAL POINTER     |          | 0                    | 0                    | 0                    | 0                    | 0                    | 0                   | 0                   |
| MATURE FORCED OUTAGE RATE        | %        | 6.31                 | 6.74                 | 6.31                 | 16.44                | 16.44                | 4.49                | 6.60                |
| MATURE OUTAGE RATE SEASONAL PROF |          | 0                    | 0                    | 0                    | 0                    | 0                    | 0                   | 0                   |
| MAXIMUM CAPACITY                 | MW       | 1105.00              | 195.00               | 195.00               | 500.00               | 500.00               | 154.00              | 158.00              |
| MINIMUM CAPACITY                 | MW       | 305.00               | 195.00               | 195.00               | 200.00               | 200.00               | 80.00               | 90.00               |
| MUST RUN INDICATOR               |          | 0                    | 0                    | 0                    | 0                    | 0                    | 0                   | 0                   |
| PARTIAL OUTAGE RATE              | %        | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                |
| PARTIAL OUTAGE RATE SEASONAL PRO |          | 0                    | 0                    | 0                    | 0                    | 0                    | 0                   | 0                   |
| PERCENT FIRM                     | %        | 93.69                | 93.26                | 93.69                | 83.56                | 83.56                | 95.51               | 93.40               |
| RENEWABLE ENERGY CREDIT          | RATIO    | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                |
| SEASONAL VARIABLE COST PROFILE   |          | 0                    | 0                    | 0                    | 0                    | 0                    | 250                 | 250                 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 0.89                 | 3.25                 | 3.25                 | 1.48                | 1.48                |
| ----- YEAR 2012 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 2728.00              | 0.00                 | 0.00                 | 0.00                | 0.00                |
| MATURE FORCED OUTAGE RATE        | %        | 6.77                 | 6.92                 | 11.86                | 17.05                | 17.05                | 8.13                | 12.79               |
| PERCENT FIRM                     | %        | 93.23                | 93.08                | 88.14                | 82.95                | 82.95                | 91.87               | 87.21               |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 0.92                 | 3.25                 | 3.25                 | 1.50                | 1.50                |
| ----- YEAR 2013 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| FIXED COSTS                      | \$000/YR | 0.00                 | 0.00                 | 3326.00              | 0.00                 | 0.00                 | 0.00                | 0.00                |
| MATURE FORCED OUTAGE RATE        | %        | 7.24                 | 6.77                 | 11.43                | 19.54                | 19.54                | 7.20                | 10.72               |
| PERCENT FIRM                     | %        | 92.76                | 93.23                | 88.57                | 80.46                | 80.46                | 92.80               | 89.28               |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 0.94                 | 3.25                 | 3.25                 | 1.54                | 1.54                |
| ----- YEAR 2014 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| FIXED COSTS                      | \$000/YR | 19368.00             | 3243.00              | 4118.00              | 6735.00              | 6735.00              | 21034.00            | 20995.00            |
| MATURE FORCED OUTAGE RATE        | %        | 7.24                 | 6.77                 | 10.55                | 19.54                | 19.54                | 5.47                | 9.04                |
| PERCENT FIRM                     | %        | 92.76                | 93.23                | 89.45                | 80.46                | 80.46                | 94.53               | 90.96               |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 0.98                 | 3.25                 | 3.25                 | 1.59                | 1.59                |
| ----- YEAR 2015 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| FIXED COSTS                      | \$000/YR | 15628.00             | 2264.00              | 4781.00              | 9432.00              | 9432.00              | 21865.00            | 23201.00            |
| MATURE FORCED OUTAGE RATE        | %        | 7.24                 | 6.77                 | 11.36                | 19.54                | 19.54                | 5.43                | 9.94                |
| PERCENT FIRM                     | %        | 92.76                | 93.23                | 88.64                | 80.46                | 80.46                | 94.57               | 90.06               |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 1.00                 | 3.25                 | 3.25                 | 1.62                | 1.62                |
| ----- YEAR 2016 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| FIXED COSTS                      | \$000/YR | 23440.00             | 0.00                 | 5123.00              | 5311.00              | 5311.00              | 24408.00            | 23362.00            |
| MATURE FORCED OUTAGE RATE        | %        | 7.24                 | 100.00               | 6.58                 | 19.54                | 19.54                | 6.48                | 10.21               |
| PERCENT FIRM                     | %        | 92.76                | 0.00                 | 93.42                | 80.46                | 80.46                | 93.52               | 89.79               |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 1.01                 | 3.25                 | 3.25                 | 1.65                | 1.65                |
| ----- YEAR 2017 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| DERATION LIBRARY POINTER         |          | 59                   | 59                   | 59                   | 69                   | 69                   | 43                  | 44                  |
| FIXED COSTS                      | \$000/YR | 22550.00             | 0.00                 | 5335.00              | 102928.00            | 47485.00             | 23769.00            | 23903.00            |
| MATURE FORCED OUTAGE RATE        | %        | 7.24                 | 100.00               | 5.34                 | 19.54                | 19.54                | 5.75                | 10.72               |
| PERCENT FIRM                     | %        | 92.76                | 0.00                 | 94.66                | 80.46                | 80.46                | 94.25               | 89.28               |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 1.03                 | 3.25                 | 3.25                 | 1.68                | 1.68                |
| ----- YEAR 2018 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| FIXED COSTS                      | \$000/YR | 25825.00             | 0.00                 | 5638.00              | 0.00                 | 39243.00             | 24919.00            | 25659.00            |
| MATURE FORCED OUTAGE RATE        | %        | 7.24                 | 100.00               | 5.28                 | 19.54                | 19.54                | 5.85                | 9.46                |
| PERCENT FIRM                     | %        | 92.76                | 0.00                 | 94.72                | 80.46                | 80.46                | 94.15               | 90.54               |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.69                 | 0.99                 | 1.04                 | 3.25                 | 3.25                 | 1.70                | 1.70                |
| ----- YEAR 2019 -----            |          |                      |                      |                      |                      |                      |                     |                     |
| FIXED COSTS                      | \$000/YR | 44836.00             | 0.00                 | 6657.00              | 0.00                 | 54619.00             | 27275.00            | 26417.00            |
| MATURE FORCED OUTAGE RATE        | %        | 7.24                 | 100.00               | 4.93                 | 19.54                | 19.54                | 5.85                | 9.46                |
| MAXIMUM CAPACITY                 | MW       | 1105.00              | 195.00               | 200.40               | 500.00               | 500.00               | 154.00              | 158.00              |



| 1 A Input Summary.txt     |           |        |        |          |        |           |           |           |
|---------------------------|-----------|--------|--------|----------|--------|-----------|-----------|-----------|
| MINIMUM CAPACITY          | MW        | 305.00 | 195.00 | 200.40   | 200.00 | 200.00    | 80.00     | 90.00     |
| PERCENT FIRM              | %         | 92.76  | 0.00   | 95.07    | 80.46  | 80.46     | 94.15     | 90.54     |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.06     | 3.25   | 3.25      | 1.73      | 1.73      |
| ----- YEAR 2020 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 6823.00  | 0.00   | 45327.00  | 27438.00  | 27474.00  |
| MATURE FORCED OUTAGE RATE | %         | 100.00 | 100.00 | 100.00   | 19.54  | 19.54     | 5.85      | 9.46      |
| PERCENT FIRM              | %         | 0.00   | 0.00   | 0.00     | 80.46  | 80.46     | 94.15     | 90.54     |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.07     | 3.25   | 3.25      | 1.76      | 1.76      |
| ----- YEAR 2021 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 7173.00  | 0.00   | 45753.00  | 27260.00  | 27204.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.09     | 3.25   | 3.25      | 1.79      | 1.79      |
| ----- YEAR 2022 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 7571.00  | 0.00   | 46641.00  | 29024.00  | 29023.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.10     | 3.25   | 3.25      | 1.82      | 1.82      |
| ----- YEAR 2023 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 7915.00  | 0.00   | 47631.00  | 29863.00  | 29862.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.12     | 3.25   | 3.25      | 1.85      | 1.85      |
| ----- YEAR 2024 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 8288.00  | 0.00   | 316299.00 | 30722.00  | 30721.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.13     | 3.25   | 3.25      | 1.88      | 1.88      |
| ----- YEAR 2025 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 8669.00  | 0.00   | 0.00      | 31602.00  | 31601.00  |
| MATURE FORCED OUTAGE RATE | %         | 100.00 | 100.00 | 100.00   | 100.00 | 100.00    | 5.85      | 9.46      |
| PERCENT FIRM              | %         | 0.00   | 0.00   | 0.00     | 0.00   | 0.00      | 94.15     | 90.54     |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.15     | 3.25   | 3.25      | 1.91      | 1.91      |
| ----- YEAR 2026 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 9043.00  | 0.00   | 0.00      | 32503.00  | 32502.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.17     | 3.25   | 3.25      | 1.94      | 1.94      |
| ----- YEAR 2027 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 9429.00  | 0.00   | 0.00      | 33426.00  | 33425.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.18     | 3.25   | 3.25      | 1.97      | 1.97      |
| ----- YEAR 2028 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 9818.00  | 0.00   | 0.00      | 34372.00  | 34370.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.20     | 3.25   | 3.25      | 2.00      | 2.00      |
| ----- YEAR 2029 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 10211.00 | 0.00   | 0.00      | 35340.00  | 35339.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.23     | 3.25   | 3.25      | 2.03      | 2.03      |
| ----- YEAR 2030 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 10609.00 | 0.00   | 0.00      | 36332.00  | 36331.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.24     | 3.25   | 3.25      | 2.06      | 2.06      |
| ----- YEAR 2031 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 11012.00 | 0.00   | 0.00      | 37348.00  | 37346.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.26     | 3.25   | 3.25      | 2.09      | 2.09      |
| ----- YEAR 2032 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 11420.00 | 0.00   | 0.00      | 38389.00  | 38387.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.28     | 3.25   | 3.25      | 2.12      | 2.12      |
| ----- YEAR 2033 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 11833.00 | 0.00   | 0.00      | 39454.00  | 39453.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.30     | 3.25   | 3.25      | 2.16      | 2.16      |
| ----- YEAR 2034 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 12251.00 | 0.00   | 0.00      | 40546.00  | 40544.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.32     | 3.25   | 3.25      | 2.19      | 2.19      |
| ----- YEAR 2035 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 12674.00 | 0.00   | 0.00      | 41664.00  | 41662.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.34     | 3.25   | 3.25      | 2.22      | 2.22      |
| ----- YEAR 2036 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 13102.00 | 0.00   | 0.00      | 42614.00  | 42612.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.35     | 3.25   | 3.25      | 2.26      | 2.26      |
| ----- YEAR 2037 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 13189.00 | 0.00   | 0.00      | 43267.00  | 43265.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.37     | 3.25   | 3.25      | 2.29      | 2.29      |
| ----- YEAR 2038 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 12982.00 | 0.00   | 0.00      | 43640.00  | 43638.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.39     | 3.25   | 3.25      | 2.32      | 2.32      |
| ----- YEAR 2039 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 13097.00 | 0.00   | 0.00      | 27745.00  | 27743.00  |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.41     | 3.25   | 3.25      | 2.35      | 2.35      |
| ----- YEAR 2040 -----     |           |        |        |          |        |           |           |           |
| FIXED COSTS               | \$/000/YR | 0.00   | 0.00   | 69044.00 | 0.00   | 0.00      | 137359.00 | 137357.00 |
| VARIABLE O AND M COSTS    | \$/MWH    | 0.69   | 0.99   | 1.43     | 3.25   | 3.25      | 2.39      | 2.39      |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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1 A Input Summary.txt

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     | 195<br>ML_KP50<br>1 | 196<br>ML_KP50<br>2 | 500<br>DUMMY_OP<br>0 | 501<br>DUMMY_IM<br>0 | 502<br>DUMMY_AP<br>0 | 503<br>DUMMY_KP<br>0 | 957<br>RP2D_KP<br>957 |
|----------------------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| ----- YEAR 2011 -----            |                     |                     |                      |                      |                      |                      |                       |
| ANCILLARY REVENUE RATE           | \$/MWH              | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| AVG HEAT RATE MAXIMUM SEASONAL P |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| AVG HEAT RATE MINIMUM SEASONAL P |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| BID PRICE AT INCREMENTAL         | \$/MWH              | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| BID PRICE AT MINIMUM             | \$/MWH              | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| BID PRICE CAPACITY FACTOR        | %                   | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| BID PRICE COST FACTOR            | %                   | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| BID PRICE INCREMENTAL SEASONAL P |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| BID PRICE MINIMUM SEASONAL POINT |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| CAPACITY REVENUE PROFILE         |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| CAPACITY REVENUE RATE            | \$/KW               | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| CAPACITY SEGMENT PROFILE         |                     | 189                 | 190                  | 0                    | 0                    | 0                    | 0                     |
| CAPITAL COSTS                    | \$000               | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| DERATION LIBRARY POINTER         |                     | 43                  | 44                   | 0                    | 0                    | 0                    | 59                    |
| DISPATCH PENALTY AT MAXIMUM      |                     | 1.00                | 1.00                 | 1.00                 | 1.00                 | 1.00                 | 1.00                  |
| DISPATCH PENALTY AT MINIMUM      |                     | 1.00                | 1.00                 | 1.00                 | 1.00                 | 1.00                 | 1.00                  |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| FIXED COSTS                      | \$000/YR            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA           | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| FIXED SEASONAL RATE PROFILE      |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| HEAT RATE PROFILE                |                     | 191                 | 191                  | 0                    | 0                    | 0                    | 0                     |
| MAINTENANCE REQUIREMENT          | WKS/YEAR            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| MAINTENANCE SEASONAL METHOD      |                     | 1                   | 1                    | 1                    | 1                    | 1                    | 1                     |
| MAINTENANCE SEASONAL POINTER     |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| MATURE FORCED OUTAGE RATE        | %                   | 4.49                | 6.60                 | 0.00                 | 0.00                 | 0.00                 | 6.31                  |
| MATURE OUTAGE RATE SEASONAL PROF |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| MAXIMUM CAPACITY                 | MW                  | 385.00              | 395.00               | 0.00                 | 0.00                 | 0.00                 | 195.00                |
| MINIMUM CAPACITY                 | MW                  | 200.00              | 225.00               | 0.00                 | 0.00                 | 0.00                 | 195.00                |
| MUST RUN INDICATOR               |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| PARTIAL OUTAGE RATE              | %                   | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| PARTIAL OUTAGE RATE SEASONAL PRO |                     | 0                   | 0                    | 0                    | 0                    | 0                    | 0                     |
| PERCENT FIRM                     | %                   | 95.51               | 93.40                | 100.00               | 100.00               | 100.00               | 93.69                 |
| RENEWABLE ENERGY CREDIT          | RATIO               | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  |
| SEASONAL VARIABLE COST PROFILE   |                     | 250                 | 250                  | 0                    | 0                    | 0                    | 0                     |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.48                | 1.48                 | 0.00                 | 0.00                 | 0.00                 | 0.89                  |
| ----- YEAR 2012 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 2728.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 8.13                | 12.79                | 0.00                 | 0.00                 | 0.00                 | 11.86                 |
| PERCENT FIRM                     | %                   | 91.87               | 87.21                | 100.00               | 100.00               | 100.00               | 88.14                 |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.50                | 1.50                 | 0.00                 | 0.00                 | 0.00                 | 0.92                  |
| ----- YEAR 2013 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 0.00                | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 3326.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 7.20                | 10.72                | 0.00                 | 0.00                 | 0.00                 | 11.43                 |
| PERCENT FIRM                     | %                   | 92.80               | 89.28                | 100.00               | 100.00               | 100.00               | 88.57                 |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.54                | 1.54                 | 0.00                 | 0.00                 | 0.00                 | 0.94                  |
| ----- YEAR 2014 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 52584.00            | 52487.00             | 0.00                 | 0.00                 | 0.00                 | 4118.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 5.47                | 9.04                 | 0.00                 | 0.00                 | 0.00                 | 10.55                 |
| PERCENT FIRM                     | %                   | 94.53               | 90.96                | 100.00               | 100.00               | 100.00               | 89.45                 |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.59                | 1.59                 | 0.00                 | 0.00                 | 0.00                 | 0.98                  |
| ----- YEAR 2015 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 54663.00            | 58004.00             | 0.00                 | 0.00                 | 0.00                 | 4781.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 5.43                | 9.94                 | 0.00                 | 0.00                 | 0.00                 | 11.36                 |
| PERCENT FIRM                     | %                   | 94.57               | 90.06                | 100.00               | 100.00               | 100.00               | 88.64                 |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.62                | 1.62                 | 0.00                 | 0.00                 | 0.00                 | 1.00                  |
| ----- YEAR 2016 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 61020.00            | 58406.00             | 0.00                 | 0.00                 | 0.00                 | 5123.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 6.48                | 10.21                | 0.00                 | 0.00                 | 0.00                 | 6.58                  |
| PERCENT FIRM                     | %                   | 93.52               | 89.79                | 100.00               | 100.00               | 100.00               | 93.42                 |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.65                | 1.65                 | 0.00                 | 0.00                 | 0.00                 | 1.01                  |
| ----- YEAR 2017 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 59422.00            | 59757.00             | 0.00                 | 0.00                 | 0.00                 | 5335.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 5.75                | 10.72                | 0.00                 | 0.00                 | 0.00                 | 5.34                  |
| PERCENT FIRM                     | %                   | 94.25               | 89.28                | 100.00               | 100.00               | 100.00               | 94.66                 |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.68                | 1.68                 | 0.00                 | 0.00                 | 0.00                 | 1.03                  |
| ----- YEAR 2018 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 62298.00            | 64148.00             | 0.00                 | 0.00                 | 0.00                 | 5638.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 5.85                | 9.46                 | 0.00                 | 0.00                 | 0.00                 | 5.28                  |
| PERCENT FIRM                     | %                   | 94.15               | 90.54                | 100.00               | 100.00               | 100.00               | 94.72                 |
| VARIABLE O AND M COSTS           | \$/MWH              | 1.70                | 1.70                 | 0.00                 | 0.00                 | 0.00                 | 1.04                  |
| ----- YEAR 2019 -----            |                     |                     |                      |                      |                      |                      |                       |
| FIXED COSTS                      | \$000/YR            | 68187.00            | 66042.00             | 0.00                 | 0.00                 | 0.00                 | 6657.00               |
| MATURE FORCED OUTAGE RATE        | %                   | 5.85                | 9.46                 | 0.00                 | 0.00                 | 0.00                 | 4.93                  |
| MAXIMUM CAPACITY                 | MW                  | 385.00              | 395.00               | 0.00                 | 0.00                 | 0.00                 | 200.40                |

| 1 A Input Summary.txt     |          |           |           |        |        |        |        |          |
|---------------------------|----------|-----------|-----------|--------|--------|--------|--------|----------|
| MINIMUM CAPACITY          | MW       | 200.00    | 225.00    | 0.00   | 0.00   | 0.00   | 0.00   | 200.40   |
| PERCENT FIRM              | %        | 94.15     | 90.54     | 100.00 | 100.00 | 100.00 | 100.00 | 95.07    |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.73      | 1.73      | 0.00   | 0.00   | 0.00   | 0.00   | 1.06     |
| ----- YEAR 2020 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 68596.00  | 68686.00  | 0.00   | 0.00   | 0.00   | 0.00   | 6823.00  |
| MATURE FORCED OUTAGE RATE | %        | 5.85      | 9.46      | 0.00   | 0.00   | 0.00   | 0.00   | 3.52     |
| PERCENT FIRM              | %        | 94.15     | 90.54     | 100.00 | 100.00 | 100.00 | 100.00 | 96.46    |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.76      | 1.76      | 0.00   | 0.00   | 0.00   | 0.00   | 1.07     |
| ----- YEAR 2021 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 68149.00  | 68009.00  | 0.00   | 0.00   | 0.00   | 0.00   | 7173.00  |
| MATURE FORCED OUTAGE RATE | %        | 5.85      | 9.46      | 0.00   | 0.00   | 0.00   | 0.00   | 4.93     |
| PERCENT FIRM              | %        | 94.15     | 90.54     | 100.00 | 100.00 | 100.00 | 100.00 | 95.07    |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.79      | 1.79      | 0.00   | 0.00   | 0.00   | 0.00   | 1.09     |
| ----- YEAR 2022 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 72560.00  | 72557.00  | 0.00   | 0.00   | 0.00   | 0.00   | 7571.00  |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.82      | 1.82      | 0.00   | 0.00   | 0.00   | 0.00   | 1.10     |
| ----- YEAR 2023 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 74657.00  | 74654.00  | 0.00   | 0.00   | 0.00   | 0.00   | 7915.00  |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.85      | 1.85      | 0.00   | 0.00   | 0.00   | 0.00   | 1.12     |
| ----- YEAR 2024 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 76805.00  | 76802.00  | 0.00   | 0.00   | 0.00   | 0.00   | 8288.00  |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.88      | 1.88      | 0.00   | 0.00   | 0.00   | 0.00   | 1.13     |
| ----- YEAR 2025 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 79005.00  | 79001.00  | 0.00   | 0.00   | 0.00   | 0.00   | 8669.00  |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.91      | 1.91      | 0.00   | 0.00   | 0.00   | 0.00   | 1.15     |
| ----- YEAR 2026 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 81258.00  | 81255.00  | 0.00   | 0.00   | 0.00   | 0.00   | 9043.00  |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.94      | 1.94      | 0.00   | 0.00   | 0.00   | 0.00   | 1.17     |
| ----- YEAR 2027 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 83566.00  | 83562.00  | 0.00   | 0.00   | 0.00   | 0.00   | 9429.00  |
| VARIABLE O AND M COSTS    | \$/MWH   | 1.97      | 1.97      | 0.00   | 0.00   | 0.00   | 0.00   | 1.18     |
| ----- YEAR 2028 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 85930.00  | 85926.00  | 0.00   | 0.00   | 0.00   | 0.00   | 9818.00  |
| VARIABLE O AND M COSTS    | \$/MWH   | 2.00      | 2.00      | 0.00   | 0.00   | 0.00   | 0.00   | 1.20     |
| ----- YEAR 2029 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 88351.00  | 88347.00  | 0.00   | 0.00   | 0.00   | 0.00   | 10211.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 2.03      | 2.03      | 0.00   | 0.00   | 0.00   | 0.00   | 1.23     |
| ----- YEAR 2030 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 90831.00  | 90827.00  | 0.00   | 0.00   | 0.00   | 0.00   | 10609.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 2.06      | 2.06      | 0.00   | 0.00   | 0.00   | 0.00   | 1.24     |
| ----- YEAR 2031 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 93370.00  | 93366.00  | 0.00   | 0.00   | 0.00   | 0.00   | 11012.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 2.09      | 2.09      | 0.00   | 0.00   | 0.00   | 0.00   | 1.26     |
| ----- YEAR 2032 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 95972.00  | 95968.00  | 0.00   | 0.00   | 0.00   | 0.00   | 11420.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 2.12      | 2.12      | 0.00   | 0.00   | 0.00   | 0.00   | 1.28     |
| ----- YEAR 2033 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 98636.00  | 98632.00  | 0.00   | 0.00   | 0.00   | 0.00   | 11833.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 2.16      | 2.16      | 0.00   | 0.00   | 0.00   | 0.00   | 1.30     |
| ----- YEAR 2034 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 101365.00 | 101361.00 | 0.00   | 0.00   | 0.00   | 0.00   | 12251.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 2.19      | 2.19      | 0.00   | 0.00   | 0.00   | 0.00   | 1.32     |
| ----- YEAR 2035 -----     |          |           |           |        |        |        |        |          |
| FIXED COSTS               | \$000/YR | 104161.00 | 104156.00 | 0.00   | 0.00   | 0.00   | 0.00   | 12674.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT           |          |           |           |          |          |          |          |          |
|------------------------|----------|-----------|-----------|----------|----------|----------|----------|----------|
|                        |          | 195       | 196       | 500      | 501      | 502      | 503      | 957      |
|                        |          | ML_KP50   | ML_KP50   | DUMMY_OP | DUMMY_IM | DUMMY_AP | DUMMY_KP | RP2D_KP  |
|                        |          | 1         | 2         | 0        | 0        | 0        | 0        | 957      |
| ----- YEAR 2035 -----  |          |           |           |          |          |          |          |          |
| VARIABLE O AND M COSTS | \$/MWH   | 2.22      | 2.22      | 0.00     | 0.00     | 0.00     | 0.00     | 1.34     |
| ----- YEAR 2036 -----  |          |           |           |          |          |          |          |          |
| FIXED COSTS            | \$000/YR | 106536.00 | 106531.00 | 0.00     | 0.00     | 0.00     | 0.00     | 13102.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 2.26      | 2.26      | 0.00     | 0.00     | 0.00     | 0.00     | 1.35     |
| ----- YEAR 2037 -----  |          |           |           |          |          |          |          |          |
| FIXED COSTS            | \$000/YR | 108168.00 | 108163.00 | 0.00     | 0.00     | 0.00     | 0.00     | 13189.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 2.29      | 2.29      | 0.00     | 0.00     | 0.00     | 0.00     | 1.37     |

## 1 A Input Summary.txt

| ----- YEAR 2038 -----            |           |           |           |          |          |          |          |          |
|----------------------------------|-----------|-----------|-----------|----------|----------|----------|----------|----------|
| FIXED COSTS                      | \$000/YR  | 109100.00 | 109095.00 | 0.00     | 0.00     | 0.00     | 0.00     | 12982.00 |
| VARIABLE O AND M COSTS           | \$/MWH    | 2.32      | 2.32      | 0.00     | 0.00     | 0.00     | 0.00     | 1.39     |
| ----- YEAR 2039 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 69361.00  | 69357.00  | 0.00     | 0.00     | 0.00     | 0.00     | 13097.00 |
| VARIABLE O AND M COSTS           | \$/MWH    | 2.35      | 2.35      | 0.00     | 0.00     | 0.00     | 0.00     | 1.41     |
| ----- YEAR 2040 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 343398.00 | 343393.00 | 0.00     | 0.00     | 0.00     | 0.00     | 69044.00 |
| VARIABLE O AND M COSTS           | \$/MWH    | 2.39      | 2.39      | 0.00     | 0.00     | 0.00     | 0.00     | 1.43     |
| THERMAL UNIT                     |           | 958       | 959       | 960      | 961      | 962      | 963      | 964      |
|                                  |           | RP2D_IM   | CSV6_SCR  | CSV5_SCR | DUMMY_OP | BS2_FGD  | DUMMY_KP | RP1D_KP  |
|                                  |           | 958       | 959       | 960      | 961      | 962      | 963      | 964      |
| ----- YEAR 2011 -----            |           |           |           |          |          |          |          |          |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     |          |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     |          |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     |          |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0         | 0         | 0        | 0        | 0        | 0        |          |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0         | 0         | 0        | 0        | 0        | 0        |          |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE CAPACITY FACTOR        | %         | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE COST FACTOR            | %         | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE INCREMENTAL SEASONAL P |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| BID PRICE MINIMUM SEASONAL POINT |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| CAPACITY REVENUE PROFILE         |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| CAPACITY SEGMENT PROFILE         |           | 147       | 24        | 23       | 0        | 179      | 0        | 0        |
| CAPITAL COSTS                    | \$000     | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| DERATION LIBRARY POINTER         |           | 59        | 24        | 23       | 0        | 6        | 0        | 58       |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00      | 1.00      | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00      | 1.00      | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00      | 3.44      | 3.44     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED SEASONAL RATE PROFILE      |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| HEAT RATE PROFILE                |           | 168       | 24        | 23       | 0        | 144      | 0        | 0        |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| MAINTENANCE SEASONAL METHOD      |           | 1         | 1         | 1        | 1        | 1        | 1        | 1        |
| MAINTENANCE SEASONAL POINTER     |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| MATURE FORCED OUTAGE RATE        | %         | 6.31      | 7.69      | 4.95     | 0.00     | 7.50     | 0.00     | 6.74     |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| MAXIMUM CAPACITY                 | MW        | 1090.00   | 391.00    | 391.00   | 0.00     | 775.00   | 0.00     | 198.00   |
| MINIMUM CAPACITY                 | MW        | 359.00    | 130.00    | 130.00   | 0.00     | 300.00   | 0.00     | 198.00   |
| MUST RUN INDICATOR               |           | 1         | 1         | 1        | 0        | 0        | 0        | 0        |
| PARTIAL OUTAGE RATE              | %         | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| PERCENT FIRM                     | %         | 93.69     | 92.31     | 95.05    | 100.00   | 92.50    | 100.00   | 93.26    |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| SEASONAL VARIABLE COST PROFILE   |           | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.69      | 2.24      | 2.24     | 0.00     | 0.00     | 0.00     | 1.19     |
| ----- YEAR 2012 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 2201.00  |
| MATURE FORCED OUTAGE RATE        | %         | 6.77      | 8.43      | 4.95     | 0.00     | 8.86     | 0.00     | 9.95     |
| PERCENT FIRM                     | %         | 93.23     | 91.57     | 95.05    | 100.00   | 91.14    | 100.00   | 90.05    |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.70      | 2.24      | 2.24     | 0.00     | 0.00     | 0.00     | 1.23     |
| ----- YEAR 2013 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 2520.00  |
| MATURE FORCED OUTAGE RATE        | %         | 7.24      | 8.43      | 4.95     | 0.00     | 8.86     | 0.00     | 7.63     |
| PERCENT FIRM                     | %         | 92.76     | 91.57     | 95.05    | 100.00   | 91.14    | 100.00   | 92.37    |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.72      | 2.24      | 2.24     | 0.00     | 0.00     | 0.00     | 1.26     |
| ----- YEAR 2014 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 3370.00  |
| MATURE FORCED OUTAGE RATE        | %         | 7.24      | 4.91      | 3.89     | 0.00     | 7.26     | 0.00     | 10.24    |
| PERCENT FIRM                     | %         | 92.76     | 95.09     | 96.11    | 100.00   | 92.74    | 100.00   | 89.76    |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.73      | 2.24      | 2.24     | 0.00     | 0.00     | 0.00     | 1.29     |
| ----- YEAR 2015 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 4422.00  |
| MATURE FORCED OUTAGE RATE        | %         | 7.24      | 5.32      | 4.24     | 0.00     | 7.26     | 0.00     | 9.69     |
| PERCENT FIRM                     | %         | 92.76     | 94.68     | 95.76    | 100.00   | 92.74    | 100.00   | 90.31    |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.75      | 2.24      | 2.24     | 0.00     | 0.00     | 0.00     | 1.32     |
| ----- YEAR 2016 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 11712.00 |
| MATURE FORCED OUTAGE RATE        | %         | 7.24      | 4.50      | 3.89     | 0.00     | 7.26     | 0.00     | 4.10     |
| MAXIMUM CAPACITY                 | MW        | 1090.00   | 391.00    | 391.00   | 0.00     | 775.00   | 0.00     | 203.40   |
| MINIMUM CAPACITY                 | MW        | 359.00    | 130.00    | 130.00   | 0.00     | 300.00   | 0.00     | 203.40   |
| PERCENT FIRM                     | %         | 92.76     | 95.50     | 96.11    | 100.00   | 92.74    | 100.00   | 95.90    |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.76      | 2.24      | 2.24     | 0.00     | 0.00     | 0.00     | 1.34     |
| ----- YEAR 2017 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 66162.00 | 0.00     | 13196.00 |
| MATURE FORCED OUTAGE RATE        | %         | 7.24      | 4.09      | 4.24     | 0.00     | 2.66     | 0.00     | 4.32     |
| PERCENT FIRM                     | %         | 92.76     | 95.91     | 95.76    | 100.00   | 97.34    | 100.00   | 95.68    |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.78      | 2.24      | 2.24     | 0.00     | 7.75     | 0.00     | 1.36     |
| ----- YEAR 2018 -----            |           |           |           |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00     | 0.00     | 68800.00 | 0.00     | 14362.00 |
| MATURE FORCED OUTAGE RATE        | %         | 7.24      | 4.09      | 4.24     | 0.00     | 3.49     | 0.00     | 4.80     |
| PERCENT FIRM                     | %         | 92.76     | 95.91     | 95.76    | 100.00   | 96.51    | 100.00   | 95.20    |

|                           |          |          |          |          |        |          |        |          |
|---------------------------|----------|----------|----------|----------|--------|----------|--------|----------|
| 1 A Input Summary.txt     |          |          |          |          |        |          |        |          |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.80     | 2.24     | 2.24     | 0.00   | 7.90     | 0.00   | 1.38     |
| ----- YEAR 2019 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 0.00     | 0.00     | 0.00     | 0.00   | 68478.00 | 0.00   | 14890.00 |
| MATURE FORCED OUTAGE RATE | %        | 7.24     | 4.50     | 3.89     | 0.00   | 3.78     | 0.00   | 4.80     |
| PERCENT FIRM              | %        | 92.76    | 95.50    | 96.11    | 100.00 | 96.22    | 100.00 | 95.20    |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.82     | 2.24     | 2.24     | 0.00   | 8.05     | 0.00   | 1.40     |
| ----- YEAR 2020 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 31316.00 | 12385.00 | 11112.00 | 0.00   | 70462.00 | 0.00   | 15202.00 |
| MATURE FORCED OUTAGE RATE | %        | 7.24     | 4.50     | 3.89     | 0.00   | 4.07     | 0.00   | 3.95     |
| PERCENT FIRM              | %        | 92.76    | 95.50    | 96.11    | 100.00 | 95.93    | 100.00 | 95.05    |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.84     | 2.24     | 2.24     | 0.00   | 8.21     | 0.00   | 1.42     |
| ----- YEAR 2021 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 40228.00 | 22001.00 | 18177.00 | 0.00   | 75147.00 | 0.00   | 15586.00 |
| MATURE FORCED OUTAGE RATE | %        | 7.24     | 4.50     | 3.89     | 0.00   | 4.07     | 0.00   | 4.94     |
| PERCENT FIRM              | %        | 92.76    | 95.50    | 96.11    | 100.00 | 95.93    | 100.00 | 95.05    |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.86     | 2.24     | 2.24     | 0.00   | 8.36     | 0.00   | 1.44     |
| ----- YEAR 2022 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 42074.00 | 26162.00 | 24582.00 | 0.00   | 77754.00 | 0.00   | 15976.00 |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.88     | 2.24     | 2.24     | 0.00   | 8.52     | 0.00   | 1.46     |
| ----- YEAR 2023 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 45183.00 | 34547.00 | 30330.00 | 0.00   | 80424.00 | 0.00   | 16302.00 |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.90     | 2.24     | 2.24     | 0.00   | 8.69     | 0.00   | 1.48     |
| ----- YEAR 2024 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 50809.00 | 40838.00 | 34769.00 | 0.00   | 83158.00 | 0.00   | 16675.00 |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.92     | 2.24     | 2.24     | 0.00   | 8.85     | 0.00   | 1.50     |
| ----- YEAR 2025 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 49952.00 | 47551.00 | 41866.00 | 0.00   | 85957.00 | 0.00   | 17049.00 |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.94     | 2.24     | 2.24     | 0.00   | 9.02     | 0.00   | 1.52     |
| ----- YEAR 2026 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 54606.00 | 52489.00 | 46268.00 | 0.00   | 88824.00 | 0.00   | 17418.00 |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.96     | 2.24     | 2.24     | 0.00   | 9.20     | 0.00   | 1.55     |
| ----- YEAR 2027 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 50654.00 | 59756.00 | 52157.00 | 0.00   | 91759.00 | 0.00   | 17800.00 |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 0.99     | 2.24     | 2.24     | 0.00   | 9.38     | 0.00   | 1.57     |
| ----- YEAR 2028 -----     |          |          |          |          |        |          |        |          |
| FIXED COSTS               | \$000/YR | 55179.00 | 68602.00 | 59322.00 | 0.00   | 94765.00 | 0.00   | 18185.00 |
| VARIABLE 0 AND M COSTS    | \$/MWH   | 1.01     | 2.24     | 2.24     | 0.00   | 9.56     | 0.00   | 1.59     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
# 02/12/13 08:27:07 V04.0 R03.0

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                        |          |          |           |           |          |           |          |          |
|------------------------|----------|----------|-----------|-----------|----------|-----------|----------|----------|
| THERMAL UNIT           |          |          |           |           |          |           |          |          |
|                        |          | 958      | 959       | 960       | 961      | 962       | 963      | 964      |
|                        |          | RP2D_IM  | CSV6_SCR  | CSV5_SCR  | DUMMY_OP | BS2_FGD   | DUMMY_KP | RPID_KP  |
|                        |          | 958      | 959       | 960       | 961      | 962       | 963      | 964      |
| ----- YEAR 2029 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 52462.00 | 73207.00  | 64141.00  | 0.00     | 97843.00  | 0.00     | 18573.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.03     | 2.24      | 2.24      | 0.00     | 9.74      | 0.00     | 1.61     |
| ----- YEAR 2030 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 55614.00 | 79663.00  | 70806.00  | 0.00     | 100995.00 | 0.00     | 18968.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.05     | 2.24      | 2.24      | 0.00     | 9.93      | 0.00     | 1.64     |
| ----- YEAR 2031 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 61335.00 | 87421.00  | 76807.00  | 0.00     | 104223.00 | 0.00     | 19367.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.08     | 2.24      | 2.24      | 0.00     | 10.12     | 0.00     | 1.66     |
| ----- YEAR 2032 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 58273.00 | 96051.00  | 84015.00  | 0.00     | 107528.00 | 0.00     | 19771.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.10     | 2.24      | 2.24      | 0.00     | 10.31     | 0.00     | 1.68     |
| ----- YEAR 2033 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 58936.00 | 102301.00 | 89978.00  | 0.00     | 110913.00 | 0.00     | 20181.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.12     | 2.24      | 2.24      | 0.00     | 10.51     | 0.00     | 1.71     |
| ----- YEAR 2034 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 58995.00 | 112564.00 | 96560.00  | 0.00     | 114379.00 | 0.00     | 20595.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.15     | 2.24      | 2.24      | 0.00     | 10.72     | 0.00     | 1.73     |
| ----- YEAR 2035 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 61127.00 | 118381.00 | 105877.00 | 0.00     | 117929.00 | 0.00     | 21014.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.17     | 2.24      | 2.24      | 0.00     | 10.92     | 0.00     | 1.76     |
| ----- YEAR 2036 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 65968.00 | 126396.00 | 110462.00 | 0.00     | 121564.00 | 0.00     | 21439.00 |
| VARIABLE 0 AND M COSTS | \$/MWH   | 1.20     | 2.24      | 2.24      | 0.00     | 11.13     | 0.00     | 1.78     |
| ----- YEAR 2037 -----  |          |          |           |           |          |           |          |          |
| FIXED COSTS            | \$000/YR | 62501.00 | 133475.00 | 117439.00 | 0.00     | 125286.00 | 0.00     | 21808.00 |

|                                  |           |           |           |           |          |           |          |          |
|----------------------------------|-----------|-----------|-----------|-----------|----------|-----------|----------|----------|
| 1 A Input Summary.txt            |           |           |           |           |          |           |          |          |
| VARIABLE O AND M COSTS           | \$/MWH    | 1.22      | 2.24      | 2.24      | 0.00     | 11.35     | 0.00     | 1.81     |
| ----- YEAR 2038 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 66847.00  | 143842.00 | 126202.00 | 0.00     | 129098.00 | 0.00     | 21990.00 |
| VARIABLE O AND M COSTS           | \$/MWH    | 1.25      | 2.24      | 2.24      | 0.00     | 11.57     | 0.00     | 1.84     |
| ----- YEAR 2039 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 64536.00  | 150119.00 | 132072.00 | 0.00     | 133001.00 | 0.00     | 21923.00 |
| VARIABLE O AND M COSTS           | \$/MWH    | 1.28      | 2.24      | 2.24      | 0.00     | 11.79     | 0.00     | 1.86     |
| ----- YEAR 2040 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 301772.00 | 988756.00 | 871608.00 | 0.00     | 614908.00 | 0.00     | 80091.00 |
| VARIABLE O AND M COSTS           | \$/MWH    | 1.30      | 2.24      | 2.24      | 0.00     | 12.02     | 0.00     | 1.89     |
| THERMAL UNIT                     |           |           |           |           |          |           |          |          |
|                                  |           | 965       | 966       | 967       | 968      | 969       | 970      | 971      |
|                                  | RP1D_03   | CR2_NGCC  | CR1_NGCC  | MR5_NGCC  | RP2TR_KP | RP2TR_IM  | DUMMY_OP |          |
|                                  | 965       | 966       | 967       | 968       | 969      | 970       | 971      |          |
| ----- YEAR 2011 -----            |           |           |           |           |          |           |          |          |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00      | 0.00      | 0.00      | 0.00     |           | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00      | 0.00      | 0.00      | 0.00     |           | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00      | 0.00      | 0.00      | 0.00     |           | 0.00     | 0.00     |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| BID PRICE CAPACITY FACTOR        | %         | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| BID PRICE COST FACTOR            | %         | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| BID PRICE INCREMENTAL SEASONAL P |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| BID PRICE MINIMUM SEASONAL POINT |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| CAPACITY REVENUE PROFILE         |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| CAPACITY SEGMENT PROFILE         |           | 180       | 185       | 185       | 186      | 0         | 59       | 0        |
| CAPITAL COSTS                    | \$000     | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| DERATION LIBRARY POINTER         |           | 58        | 121       | 121       | 121      | 59        | 59       | 0        |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00      | 1.00      | 1.00      | 1.00     | 1.00      | 1.00     | 1.00     |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00      | 1.00      | 1.00      | 1.00     | 1.00      | 1.00     | 1.00     |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00      | 9.51      | 9.51      | 9.51     | 0.00      | 0.00     | 0.00     |
| FIXED SEASONAL RATE PROFILE      |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| HEAT RATE PROFILE                |           | 167       | 185       | 184       | 186      | 0         | 59       | 0        |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00      | 4.00      | 4.00      | 4.00     | 0.00      | 0.00     | 0.00     |
| MAINTENANCE SEASONAL METHOD      |           | 1         | 1         | 1         | 1        | 1         | 1        | 1        |
| MAINTENANCE SEASONAL POINTER     |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| MATURE FORCED OUTAGE RATE        | %         | 6.74      | 4.00      | 4.00      | 4.00     | 6.31      | 6.31     | 0.00     |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| MAXIMUM CAPACITY                 | MW        | 1090.00   | 212.00    | 212.00    | 510.00   | 195.00    | 1105.00  | 0.00     |
| MINIMUM CAPACITY                 | MW        | 359.00    | 60.00     | 60.00     | 255.00   | 195.00    | 305.00   | 0.00     |
| MUST RUN INDICATOR               |           | 1         | 0         | 0         | 1        | 0         | 0        | 0        |
| PARTIAL OUTAGE RATE              | %         | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| PERCENT FIRM                     | %         | 93.26     | 96.00     | 96.00     | 96.00    | 93.69     | 93.69    | 100.00   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00      | 0.00      | 0.00      | 0.00     | 0.00      | 0.00     | 0.00     |
| SEASONAL VARIABLE COST PROFILE   |           | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| VARIABLE O AND M COSTS           | \$/MWH    | 7.76      | 3.49      | 3.49      | 3.49     | 0.89      | 0.69     | 0.00     |
| ----- YEAR 2012 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00      | 0.00     | 2728.00   | 0.00     | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 6.92      | 4.00      | 4.00      | 4.00     | 11.86     | 6.77     | 0.00     |
| PERCENT FIRM                     | %         | 93.08     | 96.00     | 96.00     | 96.00    | 88.14     | 93.23    | 100.00   |
| VARIABLE O AND M COSTS           | \$/MWH    | 7.88      | 3.49      | 3.49      | 3.49     | 0.92      | 0.69     | 0.00     |
| ----- YEAR 2013 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00      | 0.00     | 3326.00   | 0.00     | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 6.77      | 4.00      | 4.00      | 4.00     | 11.43     | 7.24     | 0.00     |
| PERCENT FIRM                     | %         | 93.23     | 96.00     | 96.00     | 96.00    | 88.57     | 92.76    | 100.00   |
| VARIABLE O AND M COSTS           | \$/MWH    | 8.09      | 3.49      | 3.49      | 3.49     | 0.94      | 0.69     | 0.00     |
| ----- YEAR 2014 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00      | 0.00     | 4118.00   | 19368.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 6.77      | 4.00      | 4.00      | 4.00     | 10.55     | 7.24     | 0.00     |
| PERCENT FIRM                     | %         | 93.23     | 96.00     | 96.00     | 96.00    | 89.45     | 92.76    | 100.00   |
| VARIABLE O AND M COSTS           | \$/MWH    | 8.22      | 3.49      | 3.49      | 3.49     | 0.98      | 0.69     | 0.00     |
| ----- YEAR 2015 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 0.00      | 0.00      | 0.00      | 0.00     | 4781.00   | 15628.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 6.77      | 4.00      | 4.00      | 4.00     | 11.36     | 7.24     | 0.00     |
| PERCENT FIRM                     | %         | 93.23     | 96.00     | 96.00     | 96.00    | 88.64     | 92.76    | 100.00   |
| VARIABLE O AND M COSTS           | \$/MWH    | 8.39      | 3.49      | 3.49      | 3.49     | 1.00      | 0.69     | 0.00     |
| ----- YEAR 2016 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 51019.00  | 0.00      | 0.00      | 0.00     | 5123.00   | 23440.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 6.77      | 4.00      | 4.00      | 4.00     | 6.58      | 7.24     | 0.00     |
| PERCENT FIRM                     | %         | 93.23     | 96.00     | 96.00     | 96.00    | 93.42     | 92.76    | 100.00   |
| VARIABLE O AND M COSTS           | \$/MWH    | 8.48      | 3.49      | 3.49      | 3.49     | 1.01      | 0.69     | 0.00     |
| ----- YEAR 2017 -----            |           |           |           |           |          |           |          |          |
| DERATION LIBRARY POINTER         |           | 59        | 121       | 121       | 121      | 59        | 59       | 0        |
| FIXED COSTS                      | \$000/YR  | 68050.00  | 0.00      | 0.00      | 0.00     | 5335.00   | 22550.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 6.77      | 4.00      | 4.00      | 4.00     | 5.34      | 7.24     | 0.00     |
| PERCENT FIRM                     | %         | 93.23     | 96.00     | 96.00     | 96.00    | 94.66     | 92.76    | 100.00   |
| VARIABLE O AND M COSTS           | \$/MWH    | 8.65      | 3.49      | 3.49      | 3.49     | 1.03      | 0.69     | 0.00     |
| ----- YEAR 2018 -----            |           |           |           |           |          |           |          |          |
| FIXED COSTS                      | \$000/YR  | 68104.00  | 0.00      | 0.00      | 0.00     | 5638.00   | 25825.00 | 0.00     |
| MATURE FORCED OUTAGE RATE        | %         | 6.77      | 4.00      | 4.00      | 4.00     | 5.28      | 7.24     | 0.00     |

|                           |          | 1 A Input Summary.txt |        |        |        |         |          |        |
|---------------------------|----------|-----------------------|--------|--------|--------|---------|----------|--------|
| PERCENT FIRM              | %        | 93.23                 | 96.00  | 96.00  | 96.00  | 94.72   | 92.76    | 100.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 8.80                  | 3.49   | 3.49   | 3.49   | 1.04    | 0.69     | 0.00   |
| ----- YEAR 2019 -----     |          |                       |        |        |        |         |          |        |
| FIXED COSTS               | \$000/YR | 65087.00              | 0.00   | 0.00   | 0.00   | 6657.00 | 44836.00 | 0.00   |
| MATURE FORCED OUTAGE RATE | %        | 6.77                  | 4.00   | 4.00   | 4.00   | 4.93    | 7.24     | 0.00   |
| MAXIMUM CAPACITY          | MW       | 1090.00               | 212.00 | 212.00 | 510.00 | 200.40  | 1105.00  | 0.00   |
| MINIMUM CAPACITY          | MW       | 359.00                | 60.00  | 60.00  | 255.00 | 200.40  | 305.00   | 0.00   |
| PERCENT FIRM              | %        | 93.23                 | 96.00  | 96.00  | 96.00  | 95.07   | 92.76    | 100.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 8.96                  | 3.49   | 3.49   | 3.49   | 1.06    | 0.69     | 0.00   |
| ----- YEAR 2020 -----     |          |                       |        |        |        |         |          |        |
| FIXED COSTS               | \$000/YR | 68290.00              | 0.00   | 0.00   | 0.00   | 6823.00 | 0.00     | 0.00   |
| MATURE FORCED OUTAGE RATE | %        | 6.77                  | 4.00   | 4.00   | 4.00   | 100.00  | 100.00   | 0.00   |
| PERCENT FIRM              | %        | 93.23                 | 96.00  | 96.00  | 96.00  | 0.00    | 0.00     | 100.00 |
| VARIABLE O AND M COSTS    | \$/MWH   | 9.12                  | 3.49   | 3.49   | 3.49   | 1.07    | 0.69     | 0.00   |
| ----- YEAR 2021 -----     |          |                       |        |        |        |         |          |        |
| FIXED COSTS               | \$000/YR | 68117.00              | 0.00   | 0.00   | 0.00   | 7173.00 | 0.00     | 0.00   |
| VARIABLE O AND M COSTS    | \$/MWH   | 9.30                  | 3.49   | 3.49   | 3.49   | 1.09    | 0.69     | 0.00   |
| ----- YEAR 2022 -----     |          |                       |        |        |        |         |          |        |
| FIXED COSTS               | \$000/YR | 74913.00              | 0.00   | 0.00   | 0.00   | 7571.00 | 0.00     | 0.00   |
| VARIABLE O AND M COSTS    | \$/MWH   | 9.47                  | 3.49   | 3.49   | 3.49   | 1.10    | 0.69     | 0.00   |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT           |          | 965<br>RP1D_03<br>965 | 966<br>CR2_NGCC<br>966 | 967<br>CR1_NGCC<br>967 | 968<br>MR5_NGCC<br>968 | 969<br>RP2TR_KP<br>969 | 970<br>RP2TR_IM<br>970 | 971<br>DUMMY_OP<br>971 |
|------------------------|----------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2023 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 88293.00              | 0.00                   | 0.00                   | 0.00                   | 7915.00                | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 9.65                  | 3.49                   | 3.49                   | 3.49                   | 1.12                   | 0.69                   | 0.00                   |
| ----- YEAR 2024 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 85988.00              | 0.00                   | 0.00                   | 0.00                   | 8288.00                | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 9.83                  | 3.49                   | 3.49                   | 3.49                   | 1.13                   | 0.69                   | 0.00                   |
| ----- YEAR 2025 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 89696.00              | 0.00                   | 0.00                   | 0.00                   | 8669.00                | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 10.02                 | 3.49                   | 3.49                   | 3.49                   | 1.15                   | 0.69                   | 0.00                   |
| ----- YEAR 2026 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 83347.00              | 0.00                   | 0.00                   | 0.00                   | 9043.00                | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 10.21                 | 3.49                   | 3.49                   | 3.49                   | 1.17                   | 0.69                   | 0.00                   |
| ----- YEAR 2027 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 89477.00              | 0.00                   | 0.00                   | 0.00                   | 9429.00                | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 10.40                 | 3.49                   | 3.49                   | 3.49                   | 1.18                   | 0.69                   | 0.00                   |
| ----- YEAR 2028 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 86148.00              | 0.00                   | 0.00                   | 0.00                   | 9818.00                | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 10.59                 | 3.49                   | 3.49                   | 3.49                   | 1.20                   | 0.69                   | 0.00                   |
| ----- YEAR 2029 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 95793.00              | 0.00                   | 0.00                   | 0.00                   | 10211.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 10.79                 | 3.49                   | 3.49                   | 3.49                   | 1.23                   | 0.69                   | 0.00                   |
| ----- YEAR 2030 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 87566.00              | 0.00                   | 0.00                   | 0.00                   | 10609.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 10.99                 | 3.49                   | 3.49                   | 3.49                   | 1.24                   | 0.69                   | 0.00                   |
| ----- YEAR 2031 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 70757.00              | 0.00                   | 0.00                   | 0.00                   | 11012.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 11.19                 | 3.49                   | 3.49                   | 3.49                   | 1.26                   | 0.69                   | 0.00                   |
| ----- YEAR 2032 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 63106.00              | 0.00                   | 0.00                   | 0.00                   | 11420.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 11.40                 | 3.49                   | 3.49                   | 3.49                   | 1.28                   | 0.69                   | 0.00                   |
| ----- YEAR 2033 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 67693.00              | 0.00                   | 0.00                   | 0.00                   | 11833.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 11.61                 | 3.49                   | 3.49                   | 3.49                   | 1.30                   | 0.69                   | 0.00                   |
| ----- YEAR 2034 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 62989.00              | 0.00                   | 0.00                   | 0.00                   | 12251.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 11.83                 | 3.49                   | 3.49                   | 3.49                   | 1.32                   | 0.69                   | 0.00                   |
| ----- YEAR 2035 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 68040.00              | 0.00                   | 0.00                   | 0.00                   | 12674.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 12.05                 | 3.49                   | 3.49                   | 3.49                   | 1.34                   | 0.69                   | 0.00                   |
| ----- YEAR 2036 -----  |          |                       |                        |                        |                        |                        |                        |                        |
| FIXED COSTS            | \$000/YR | 64257.00              | 0.00                   | 0.00                   | 0.00                   | 13102.00               | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS | \$/MWH   | 12.27                 | 3.49                   | 3.49                   | 3.49                   | 1.35                   | 0.69                   | 0.00                   |
| ----- YEAR 2037 -----  |          |                       |                        |                        |                        |                        |                        |                        |

| 1 A Input Summary.txt            |           |          |          |          |          |          |          |          |
|----------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|
| FIXED COSTS                      | \$000/YR  | 57962.00 | 0.00     | 0.00     | 0.00     | 13189.00 | 0.00     | 0.00     |
| VARIABLE O AND M COSTS           | \$/MWH    | 12.50    | 3.49     | 3.49     | 3.49     | 1.37     | 0.69     | 0.00     |
| ----- YEAR 2038 -----            |           |          |          |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 55995.00 | 0.00     | 0.00     | 0.00     | 12982.00 | 0.00     | 0.00     |
| VARIABLE O AND M COSTS           | \$/MWH    | 12.74    | 3.49     | 3.49     | 3.49     | 1.39     | 0.69     | 0.00     |
| ----- YEAR 2039 -----            |           |          |          |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 48940.00 | 0.00     | 0.00     | 0.00     | 13097.00 | 0.00     | 0.00     |
| VARIABLE O AND M COSTS           | \$/MWH    | 12.97    | 3.49     | 3.49     | 3.49     | 1.41     | 0.69     | 0.00     |
| ----- YEAR 2040 -----            |           |          |          |          |          |          |          |          |
| FIXED COSTS                      | \$000/YR  | 77846.00 | 0.00     | 0.00     | 0.00     | 69044.00 | 0.00     | 0.00     |
| VARIABLE O AND M COSTS           | \$/MWH    | 13.21    | 3.49     | 3.49     | 3.49     | 1.43     | 0.69     | 0.00     |
| THERMAL UNIT                     |           | 972      | 973      | 974      | 975      | 976      | 977      | 978      |
|                                  |           | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
|                                  |           | 972      | 973      | 974      | 975      | 976      | 977      | 978      |
| ----- YEAR 2011 -----            |           |          |          |          |          |          |          |          |
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE CAPACITY FACTOR        | %         | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE COST FACTOR            | %         | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| BID PRICE INCREMENTAL SEASONAL P |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| BID PRICE MINIMUM SEASONAL POINT |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| CAPACITY REVENUE PROFILE         |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| CAPACITY SEGMENT PROFILE         |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| CAPITAL COSTS                    | \$000     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| DERATION LIBRARY POINTER         |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     | 1.00     |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED COSTS                      | \$000/YR  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| FIXED SEASONAL RATE PROFILE      |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| HEAT RATE PROFILE                |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| MAINTENANCE SEASONAL METHOD      |           | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| MAINTENANCE SEASONAL POINTER     |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| MATURE FORCED OUTAGE RATE        | %         | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| MAXIMUM CAPACITY                 | MW        | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| MINIMUM CAPACITY                 | MW        | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| MUST RUN INDICATOR               |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| PARTIAL OUTAGE RATE              | %         | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| PARTIAL OUTAGE RATE SEASONAL PRO |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| PERCENT FIRM                     | %         | 100.00   | 100.00   | 100.00   | 100.00   | 100.00   | 100.00   | 100.00   |
| RENEWABLE ENERGY CREDIT          | RATIO     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| SEASONAL VARIABLE COST PROFILE   |           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| VARIABLE O AND M COSTS           | \$/MWH    | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| ----- YEAR 2012 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2013 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2014 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2015 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2016 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2017 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2018 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2019 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2020 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2021 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2022 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2023 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2024 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2025 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2026 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2027 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2028 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2029 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2030 -----            |           |          |          |          |          |          |          |          |
| ----- YEAR 2031 -----            |           |          |          |          |          |          |          |          |



NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
\* 02/12/13 08:27:08 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     | 972<br>DUMMY_OP<br>972 | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2032 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2033 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2034 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2035 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2036 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2037 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2038 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2039 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2040 -----            |                        |                        |                        |                        |                        |                        |                        |
| THERMAL UNIT                     | 979<br>DUMMY_OP<br>979 | 980<br>DUMMY_OP<br>980 | 981<br>DUMMY_OP<br>981 | 982<br>DUMMY_OP<br>982 | 983<br>DUMMY_OP<br>983 | 984<br>DUMMY_OP<br>984 | 985<br>DUMMY_OP<br>985 |
| ----- YEAR 2011 -----            |                        |                        |                        |                        |                        |                        |                        |
| ANCILLARY REVENUE RATE           | \$/MWH                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| AVG HEAT RATE MAXIMUM SEASONAL P |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| AVG HEAT RATE MINIMUM SEASONAL P |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| BID PRICE AT INCREMENTAL         | \$/MWH                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE AT MINIMUM             | \$/MWH                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE CAPACITY FACTOR        | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE COST FACTOR            | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE INCREMENTAL SEASONAL P |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| BID PRICE MINIMUM SEASONAL POINT |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| CAPACITY REVENUE PROFILE         |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| CAPACITY REVENUE RATE            | \$/KW                  | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| CAPACITY SEGMENT PROFILE         |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| CAPITAL COSTS                    | \$000                  | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| DERATION LIBRARY POINTER         |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| DISPATCH PENALTY AT MAXIMUM      |                        | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   |
| DISPATCH PENALTY AT MINIMUM      |                        | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED COSTS                      | \$000/YR               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA              | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED SEASONAL RATE PROFILE      |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| HEAT RATE PROFILE                |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MAINTENANCE REQUIREMENT          | WKS/YEAR               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| MAINTENANCE SEASONAL METHOD      |                        | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      |
| MAINTENANCE SEASONAL POINTER     |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MATURE FORCED OUTAGE RATE        | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| MATURE OUTAGE RATE SEASONAL PROF |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MAXIMUM CAPACITY                 | MW                     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| MINIMUM CAPACITY                 | MW                     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| MUST RUN INDICATOR               |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| PARTIAL OUTAGE RATE              | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| PARTIAL OUTAGE RATE SEASONAL PRO |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| PERCENT FIRM                     | %                      | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 |
| RENEWABLE ENERGY CREDIT          | RATIO                  | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| SEASONAL VARIABLE COST PROFILE   |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| VARIABLE O AND M COSTS           | \$/MWH                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| ----- YEAR 2012 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2013 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2014 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2015 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2016 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2017 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2018 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2019 -----            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2020 -----            |                        |                        |                        |                        |                        |                        |                        |

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| THERMAL UNIT                     | 986<br>DUMMY_OP<br>986 | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----            |                        |                        |                        |                        |                        |                        |                        |
| ANCILLARY REVENUE RATE           | \$/MWH                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| AVG HEAT RATE MAXIMUM SEASONAL P |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| AVG HEAT RATE MINIMUM SEASONAL P |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| BID PRICE AT INCREMENTAL         | \$/MWH                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE AT MINIMUM             | \$/MWH                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE CAPACITY FACTOR        | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE COST FACTOR            | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| BID PRICE INCREMENTAL SEASONAL P |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| BID PRICE MINIMUM SEASONAL POINT |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| CAPACITY REVENUE PROFILE         |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| CAPACITY REVENUE RATE            | \$/KW                  | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| CAPACITY SEGMENT PROFILE         |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| CAPITAL COSTS                    | \$000                  | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| DERATION LIBRARY POINTER         |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| DISPATCH PENALTY AT MAXIMUM      |                        | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   |
| DISPATCH PENALTY AT MINIMUM      |                        | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   | 1.00                   |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED COSTS                      | \$000/YR               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA              | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| FIXED SEASONAL RATE PROFILE      |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| HEAT RATE PROFILE                |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MAINTENANCE REQUIREMENT          | WKS/YEAR               | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| MAINTENANCE SEASONAL METHOD      |                        | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      |
| MAINTENANCE SEASONAL POINTER     |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MATURE FORCED OUTAGE RATE        | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| MATURE OUTAGE RATE SEASONAL PROF |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| MAXIMUM CAPACITY                 | MW                     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| MINIMUM CAPACITY                 | MW                     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:08 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT                     | 986<br>DUMMY_OP<br>986 | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----            |                        |                        |                        |                        |                        |                        |                        |
| MUST RUN INDICATOR               |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| PARTIAL OUTAGE RATE              | %                      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| PARTIAL OUTAGE RATE SEASONAL PRO |                        | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| PERCENT FIRM                     | %                      | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 | 100.00                 |

|                                |        |      |                       |      |      |      |      |      |      |
|--------------------------------|--------|------|-----------------------|------|------|------|------|------|------|
| RENEWABLE ENERGY CREDIT        | RATIO  | 0.00 | 1 A Input Summary.txt |      |      | 0.00 | 0.00 | 0.00 | 0.00 |
| SEASONAL VARIABLE COST PROFILE |        | 0    | 0                     | 0    | 0    | 0    | 0    | 0    | 0    |
| VARIABLE O AND M COSTS         | \$/MWH | 0.00 | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|--------------|--|----------|----------|----------|---------|---------|----------|----------|
| THERMAL UNIT |  | 993      | 994      | 995      | 996     | 997     | 998      | 999      |
|              |  | DUMMY_OP | DUMMY_OP | DUMMY_OP | ML_KP20 | ML_KP20 | T4_TRONA | DUMMY_OP |
|              |  | 993      | 994      | 995      | 996     | 997     | 998      | 999      |

----- YEAR 2011 -----

|                                  |           |      |      |      |        |        |        |      |
|----------------------------------|-----------|------|------|------|--------|--------|--------|------|
| ANCILLARY REVENUE RATE           | \$/MWH    | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| AVERAGE HEAT RATE AT MAXIMUM     | MBTU/MWH  | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| AVERAGE HEAT RATE AT MINIMUM     | MBTU/MWH  | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| AVG HEAT RATE MAXIMUM SEASONAL P |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| AVG HEAT RATE MINIMUM SEASONAL P |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| BID PRICE AT INCREMENTAL         | \$/MWH    | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| BID PRICE AT MINIMUM             | \$/MWH    | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| BID PRICE CAPACITY FACTOR        | %         | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| BID PRICE COST FACTOR            | %         | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| BID PRICE INCREMENTAL SEASONAL P |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| BID PRICE MINIMUM SEASONAL POINT |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| CAPACITY REVENUE PROFILE         |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| CAPACITY REVENUE RATE            | \$/KW     | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| CAPACITY SEGMENT PROFILE         |           | 0    | 0    | 0    | 190    | 189    | 69     | 0    |
| CAPITAL COSTS                    | \$000     | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| DERATION LIBRARY POINTER         |           | 0    | 0    | 0    | 44     | 43     | 69     | 0    |
| DISPATCH PENALTY AT MAXIMUM      |           | 1.00 | 1.00 | 1.00 | 1.00   | 1.00   | 1.00   | 1.00 |
| DISPATCH PENALTY AT MINIMUM      |           | 1.00 | 1.00 | 1.00 | 1.00   | 1.00   | 1.00   | 1.00 |
| ENERGY MARGIN CAPACITY FACTOR    | FRACTION  | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| FIXED ANNUAL CAPACITY RATE       | \$/KW/YR  | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| FIXED COSTS                      | \$000/YR  | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| FIXED SEASONAL CAPACITY RATE     | \$/KW/SEA | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| FIXED SEASONAL RATE PROFILE      |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| HEAT RATE PROFILE                |           | 0    | 0    | 0    | 190    | 190    | 69     | 0    |
| MAINTENANCE REQUIREMENT          | WKS/YEAR  | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00 |
| MAINTENANCE SEASONAL METHOD      |           | 1    | 1    | 1    | 1      | 1      | 1      | 1    |
| MAINTENANCE SEASONAL POINTER     |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| MATURE FORCED OUTAGE RATE        | %         | 0.00 | 0.00 | 0.00 | 6.60   | 4.49   | 16.44  | 0.00 |
| MATURE OUTAGE RATE SEASONAL PROF |           | 0    | 0    | 0    | 0      | 0      | 0      | 0    |
| MAXIMUM CAPACITY                 | MW        | 0.00 | 0.00 | 0.00 | 158.00 | 154.00 | 500.00 | 0.00 |
| MINIMUM CAPACITY                 | MW        | 0.00 | 0.00 | 0.00 | 90.00  | 80.00  | 200.00 | 0.00 |

1 A Input Summary.txt

|                                  |          |        |        |        |          |          |           |        |
|----------------------------------|----------|--------|--------|--------|----------|----------|-----------|--------|
| MUST RUN INDICATOR               |          | 0      | 0      | 0      | 0        | 0        | 0         | 0      |
| PARTIAL OUTAGE RATE              | %        | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     | 0.00      | 0.00   |
| PARTIAL OUTAGE RATE SEASONAL PRO |          | 0      | 0      | 0      | 0        | 0        | 0         | 0      |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 93.40    | 95.51    | 83.56     | 100.00 |
| RENEWABLE ENERGY CREDIT          | RATIO    | 0.00   | 0.00   | 0.00   | 0.00     | 0.00     | 0.00      | 0.00   |
| SEASONAL VARIABLE COST PROFILE   |          | 0      | 0      | 0      | 250      | 250      | 0         | 0      |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.48     | 1.48     | 3.25      | 0.00   |
| ----- YEAR 2012 -----            |          |        |        |        |          |          |           |        |
| MATURE FORCED OUTAGE RATE        | %        | 0.00   | 0.00   | 0.00   | 12.79    | 8.13     | 17.05     | 0.00   |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 87.21    | 91.87    | 82.95     | 100.00 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.50     | 1.50     | 3.25      | 0.00   |
| ----- YEAR 2013 -----            |          |        |        |        |          |          |           |        |
| MATURE FORCED OUTAGE RATE        | %        | 0.00   | 0.00   | 0.00   | 10.72    | 7.20     | 19.54     | 0.00   |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 89.28    | 92.80    | 80.46     | 100.00 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.54     | 1.54     | 3.25      | 0.00   |
| ----- YEAR 2014 -----            |          |        |        |        |          |          |           |        |
| FIXED COSTS                      | \$000/YR | 0.00   | 0.00   | 0.00   | 20995.00 | 21034.00 | 6735.00   | 0.00   |
| MATURE FORCED OUTAGE RATE        | %        | 0.00   | 0.00   | 0.00   | 9.04     | 5.47     | 19.54     | 0.00   |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 90.96    | 94.53    | 80.46     | 100.00 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.59     | 1.59     | 3.25      | 0.00   |
| ----- YEAR 2015 -----            |          |        |        |        |          |          |           |        |
| FIXED COSTS                      | \$000/YR | 0.00   | 0.00   | 0.00   | 23201.00 | 21865.00 | 9432.00   | 0.00   |
| MATURE FORCED OUTAGE RATE        | %        | 0.00   | 0.00   | 0.00   | 9.94     | 5.43     | 19.54     | 0.00   |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 90.06    | 94.57    | 80.46     | 100.00 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.62     | 1.62     | 3.25      | 0.00   |
| ----- YEAR 2016 -----            |          |        |        |        |          |          |           |        |
| FIXED COSTS                      | \$000/YR | 0.00   | 0.00   | 0.00   | 23362.00 | 24408.00 | 5311.00   | 0.00   |
| MATURE FORCED OUTAGE RATE        | %        | 0.00   | 0.00   | 0.00   | 10.21    | 6.48     | 19.54     | 0.00   |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 89.79    | 93.52    | 80.46     | 100.00 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.65     | 1.65     | 3.25      | 0.00   |
| ----- YEAR 2017 -----            |          |        |        |        |          |          |           |        |
| FIXED COSTS                      | \$000/YR | 0.00   | 0.00   | 0.00   | 23903.00 | 23769.00 | 102928.00 | 0.00   |
| MATURE FORCED OUTAGE RATE        | %        | 0.00   | 0.00   | 0.00   | 10.72    | 5.75     | 19.54     | 0.00   |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 89.28    | 94.25    | 80.46     | 100.00 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.68     | 1.68     | 3.25      | 0.00   |
| ----- YEAR 2018 -----            |          |        |        |        |          |          |           |        |
| FIXED COSTS                      | \$000/YR | 0.00   | 0.00   | 0.00   | 25659.00 | 24919.00 | 0.00      | 0.00   |
| MATURE FORCED OUTAGE RATE        | %        | 0.00   | 0.00   | 0.00   | 9.46     | 5.85     | 19.54     | 0.00   |
| PERCENT FIRM                     | %        | 100.00 | 100.00 | 100.00 | 90.54    | 94.15    | 80.46     | 100.00 |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.70     | 1.70     | 3.25      | 0.00   |
| ----- YEAR 2019 -----            |          |        |        |        |          |          |           |        |
| FIXED COSTS                      | \$000/YR | 0.00   | 0.00   | 0.00   | 26417.00 | 27275.00 | 0.00      | 0.00   |
| VARIABLE O AND M COSTS           | \$/MWH   | 0.00   | 0.00   | 0.00   | 1.73     | 1.73     | 3.25      | 0.00   |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT              |          | 993<br>DUMMY_OP<br>993 | 994<br>DUMMY_OP<br>994 | 995<br>DUMMY_OP<br>995 | 996<br>ML_KP20<br>996 | 997<br>ML_KP20<br>997 | 998<br>T4_TFONA<br>998 | 999<br>DUMMY_OP<br>999 |
|---------------------------|----------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|
| ----- YEAR 2020 -----     |          |                        |                        |                        |                       |                       |                        |                        |
| FIXED COSTS               | \$000/YR | 0.00                   | 0.00                   | 0.00                   | 27474.00              | 27438.00              | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS    | \$/MWH   | 0.00                   | 0.00                   | 0.00                   | 1.76                  | 1.76                  | 3.25                   | 0.00                   |
| ----- YEAR 2021 -----     |          |                        |                        |                        |                       |                       |                        |                        |
| FIXED COSTS               | \$000/YR | 0.00                   | 0.00                   | 0.00                   | 27204.00              | 27260.00              | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS    | \$/MWH   | 0.00                   | 0.00                   | 0.00                   | 1.79                  | 1.79                  | 3.25                   | 0.00                   |
| ----- YEAR 2022 -----     |          |                        |                        |                        |                       |                       |                        |                        |
| FIXED COSTS               | \$000/YR | 0.00                   | 0.00                   | 0.00                   | 29023.00              | 29024.00              | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS    | \$/MWH   | 0.00                   | 0.00                   | 0.00                   | 1.82                  | 1.82                  | 3.25                   | 0.00                   |
| ----- YEAR 2023 -----     |          |                        |                        |                        |                       |                       |                        |                        |
| FIXED COSTS               | \$000/YR | 0.00                   | 0.00                   | 0.00                   | 29862.00              | 29863.00              | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS    | \$/MWH   | 0.00                   | 0.00                   | 0.00                   | 1.85                  | 1.85                  | 3.25                   | 0.00                   |
| ----- YEAR 2024 -----     |          |                        |                        |                        |                       |                       |                        |                        |
| FIXED COSTS               | \$000/YR | 0.00                   | 0.00                   | 0.00                   | 30721.00              | 30722.00              | 0.00                   | 0.00                   |
| VARIABLE O AND M COSTS    | \$/MWH   | 0.00                   | 0.00                   | 0.00                   | 1.88                  | 1.88                  | 3.25                   | 0.00                   |
| ----- YEAR 2025 -----     |          |                        |                        |                        |                       |                       |                        |                        |
| FIXED COSTS               | \$000/YR | 0.00                   | 0.00                   | 0.00                   | 31601.00              | 31602.00              | 0.00                   | 0.00                   |
| MATURE FORCED OUTAGE RATE | %        | 0.00                   | 0.00                   | 0.00                   | 9.46                  | 5.85                  | 100.00                 | 0.00                   |
| PERCENT FIRM              | %        | 100.00                 | 100.00                 | 100.00                 | 90.54                 | 94.15                 | 0.00                   | 100.00                 |
| VARIABLE O AND M COSTS    | \$/MWH   | 0.00                   | 0.00                   | 0.00                   | 1.91                  | 1.91                  | 3.25                   | 0.00                   |
| ----- YEAR 2026 -----     |          |                        |                        |                        |                       |                       |                        |                        |
| FIXED COSTS               | \$000/YR | 0.00                   | 0.00                   | 0.00                   | 32502.00              | 32503.00              | 0.00                   | 0.00                   |

|                        |          |      |                       |      |           |           |      |      |
|------------------------|----------|------|-----------------------|------|-----------|-----------|------|------|
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 1 A Input Summary.txt |      | 1.94      | 1.94      | 3.25 | 0.00 |
|                        |          |      | 0.00                  | 0.00 |           |           |      |      |
| ----- YEAR 2027 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 33425.00  | 33426.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 1.97      | 1.97      | 3.25 | 0.00 |
| ----- YEAR 2028 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 34370.00  | 34372.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.00      | 2.00      | 3.25 | 0.00 |
| ----- YEAR 2029 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 35339.00  | 35340.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.03      | 2.03      | 3.25 | 0.00 |
| ----- YEAR 2030 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 36331.00  | 36332.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.06      | 2.06      | 3.25 | 0.00 |
| ----- YEAR 2031 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 37346.00  | 37348.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.09      | 2.09      | 3.25 | 0.00 |
| ----- YEAR 2032 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 38387.00  | 38389.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.12      | 2.12      | 3.25 | 0.00 |
| ----- YEAR 2033 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 39453.00  | 39454.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.16      | 2.16      | 3.25 | 0.00 |
| ----- YEAR 2034 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 40544.00  | 40546.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.19      | 2.19      | 3.25 | 0.00 |
| ----- YEAR 2035 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 41662.00  | 41664.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.22      | 2.22      | 3.25 | 0.00 |
| ----- YEAR 2036 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 42612.00  | 42614.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.26      | 2.26      | 3.25 | 0.00 |
| ----- YEAR 2037 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 43265.00  | 43267.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.29      | 2.29      | 3.25 | 0.00 |
| ----- YEAR 2038 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 43638.00  | 43640.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.32      | 2.32      | 3.25 | 0.00 |
| ----- YEAR 2039 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 27743.00  | 27745.00  | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.35      | 2.35      | 3.25 | 0.00 |
| ----- YEAR 2040 -----  |          |      |                       |      |           |           |      |      |
| FIXED COSTS            | \$000/YR | 0.00 | 0.00                  | 0.00 | 137357.00 | 137359.00 | 0.00 | 0.00 |
| VARIABLE O AND M COSTS | \$/MWH   | 0.00 | 0.00                  | 0.00 | 2.39      | 2.39      | 3.25 | 0.00 |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                                |   |             |             |             |             |             |             |             |
|--------------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| THERMAL UNIT                   |   | AMOS 1      | AMOS 2      | AMOS_OP 3   | BECKJORD 4  | BIG SAND 5  | BIG SAND 6  | CARD 1+2 7  |
| UNIT FUELS                     | 1 | 1           | 2           | 3           | 6           | 1           | 2           | 1           |
| ESCALATION UNIT FUEL AUXILIARY |   | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    |             | GEN-ESCL    |
| THERMAL UNIT                   |   | CARD 8      | CARD 9      | CLIFTY 10   | CLIFTY 11   | CLIFTY 12   | CLIFTY 13   | CLIFTY 14   |
| UNIT FUELS                     | 1 | 1+2 2       | 3 3         | 1 1         | 2 2         | 3 3         | 4 4         | 5 5         |
| ESCALATION UNIT FUEL AUXILIARY |   | GEN-ESCL    | GEN-ESCL    |             |             |             |             |             |
| THERMAL UNIT                   |   | CLIFTY 15   | CLINCH R 16 | CLINCH R 17 | CLINCH R 18 | ROCKP_KP 19 | ROCKP_KP 20 | CSVL 1-4 21 |
| UNIT FUELS                     | 1 | 6           | 1 1         | 2 2         | 3 3         | 1 1         | 2 2         | 3 3         |
| ESCALATION UNIT FUEL AUXILIARY |   |             | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    |             |             | GEN-ESCL    |
| THERMAL UNIT                   |   | CSVL 22     | CSVL 23     | CSVL 24     | D C COOK 25 | D C COOK 26 | GAVIN 27    | GAVIN 28    |
| UNIT FUELS                     | 1 | 1-4 4       | 5+6 5       | 5+6 6       | 1 1         | 2 2         | 1 1         | 2 2         |
| ESCALATION UNIT FUEL AUXILIARY |   | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    |             |             | GEN-ESCL    | GEN-ESCL    |
| THERMAL UNIT                   |   | GLEN LYN 29 | GLEN LYN 30 | KAMMER 33   | KAMMER 34   | KAMMER 35   | KANAWHA 36  | KANAWHA 37  |
| UNIT FUELS                     | 1 | 5 5         | 6 6         | 1 1         | 2 2         | 3 3         | 1 1         | 2 2         |
| ESCALATION UNIT FUEL AUXILIARY |   | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    |
| THERMAL UNIT                   |   | KYGER 38    | KYGER 39    | KYGER 40    | KYGER 41    | KYGER 42    | MITCHELL 43 | MITCHELL 44 |
| UNIT FUELS                     | 1 | 1 1         | 2 2         | 3 3         | 4 4         | 5 5         | 1 1         | 2 2         |
| ESCALATION UNIT FUEL AUXILIARY |   |             |             |             |             |             | GEN-ESCL    | GEN-ESCL    |
| THERMAL UNIT                   |   | MOUNT_ER 45 | MUSK RVR 46 | MUSK RVR 47 | MUSK RVR 48 | MUSK RVR 49 | MUSK 50     | P SPORN 51  |
| UNIT FUELS                     | 1 | 1 1         | 1 1         | 2 2         | 3 3         | 4 4         | 5 5         | 1 1         |
| ESCALATION UNIT FUEL AUXILIARY |   |             | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    | GEN-ESCL    |

1 A Input Summary.txt

|                                              |   |                      |                      |                      |                      |                      |                      |                      |
|----------------------------------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| THERMAL UNIT                                 |   | 52<br>P SPORN<br>2   | 53<br>P SPORN<br>3   | 54<br>P SPORN<br>4   | 55<br>P SPORN<br>5   | 56<br>PICWAY<br>5    | 57<br>RPRET_IM<br>1  | 58<br>RPRUN_IM<br>1  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             |
| THERMAL UNIT                                 |   | 59<br>ROCKP_IM<br>2  | 61<br>STUART<br>1    | 62<br>STUART<br>2    | 63<br>STUART<br>3    | 64<br>STUART<br>4    | 65<br>AMOS_AP<br>3   | 66<br>TANN 1-3<br>1  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             |
| THERMAL UNIT                                 |   | 67<br>TANN 1-3<br>2  | 68<br>TANN 1-3<br>3  | 69<br>TANN 4<br>4    | 70<br>ZIMMER<br>1    | 71<br>ROBTHONE<br>1  | 72<br>ROBTHONE<br>2  | 73<br>ROBTHONE<br>3  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             |                      |                      |                      |
| THERMAL UNIT                                 |   | 75<br>CEREDO<br>1    | 76<br>CEREDO<br>2    | 77<br>CEREDO<br>3    | 78<br>CEREDO<br>4    | 79<br>CEREDO<br>5    | 80<br>CEREDO<br>6    | 81<br>DARBY<br>1     |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      |                      |                      |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 82<br>DARBY<br>2     | 83<br>DARBY<br>3     | 84<br>DARBY<br>4     | 85<br>DARBY<br>5     | 86<br>DARBY<br>6     | 87<br>LWBG WIN<br>1  | 88<br>LWBG WIN<br>2  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      |                      |                      |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 89<br>LWBG SMR<br>1  | 90<br>LWBG SMR<br>2  | 91<br>WATR CC<br>1   | 92<br>WATR2<br>1     | 93<br>DRESDEN<br>1   | 94<br>DRES2<br>1     | 96<br>CT_APCO<br>1   |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      |                      |                      |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 97<br>CC_APCO<br>1   | 98<br>IGCC AP<br>1   | 99<br>PC_UL_AP<br>1  | 100<br>Nuke_AP<br>1  | 101<br>CT_I&M<br>1   | 102<br>CC_I&M<br>1   | 103<br>IGCC IM<br>1  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      |                      |                      |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 104<br>PC_UL_IM<br>1 | 105<br>NUKE_IM<br>1  | 106<br>CT_KPCO<br>1  | 107<br>CC_KPCO<br>1  | 108<br>IGCC KP<br>1  | 109<br>PC_UL_KP<br>1 | 110<br>NUKE_KP<br>1  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      |                      |                      |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 111<br>CT_OHIO<br>1  | 112<br>CC_OH<br>1    | 113<br>IGCC OH<br>1  | 114<br>PC_UL_OH<br>1 | 115<br>NUKE OH<br>1  | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      |                      |                      |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 119<br>BS_RPWR<br>1  | 120<br>BS_BFCC<br>1  | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1  | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CRI_NGCC<br>1 |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      |                      |                      |                      | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             |
| THERMAL UNIT                                 |   | 130<br>CR2_NGCC<br>2 | 131<br>MR5_NGCC<br>5 | 132<br>MR5_FGD<br>5  | 133<br>RP1D_IM<br>1  | 134<br>RP2D_IM<br>2  | 135<br>TAN4_FGD<br>4 | 136<br>RP1D_KP<br>1  |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 | GEN-ESCL             | GEN-ESCL             | GEN-ESCL             |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 137<br>RP2D_KP<br>2  | 144<br>TC4_ESP<br>4  | 153<br>MTN_18%<br>1  | 185<br>RP1D_03<br>1  | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
| UNIT FUELS<br>ESCALATION UNIT FUEL AUXILIARY | 1 |                      | GEN-ESCL             |                      |                      |                      |                      |                      |
| THERMAL UNIT                                 |   | 189                  | 190                  | 191                  | 193                  | 194                  | 195                  | 196                  |

|  |          |          |                       |         |         |         |         |
|--|----------|----------|-----------------------|---------|---------|---------|---------|
|  |          |          | 1 A Input Summary.txt |         |         |         |         |
|  | RP2TR_KP | T4_TRONA | T4_TRCCR              | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 |
|  | 2        | 4        | 4                     | 1       | 2       | 1       | 2       |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |          |          |          |         |         |          |     |
|--------------|----------|----------|----------|---------|---------|----------|-----|
| THERMAL UNIT | 500      | 501      | 502      | 503     | 957     | 958      | 959 |
| DUMMY_OP     | DUMMY_IM | DUMMY_AP | DUMMY_KP | RP2D_KP | RP2D_IM | CSV6_SCR |     |
|              | 0        | 0        | 0        | 0       | 957     | 958      | 959 |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1

GEN-ESCL

|              |          |         |          |         |         |          |     |
|--------------|----------|---------|----------|---------|---------|----------|-----|
| THERMAL UNIT | 960      | 961     | 962      | 963     | 964     | 965      | 966 |
| CSV5_SCR     | DUMMY_OP | BS2_FGD | DUMMY_KP | RP1D_KP | RP1D_03 | CR2_NGCC |     |
| 960          | 961      | 962     | 963      | 964     | 965     | 966      |     |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1

GEN-ESCL

GEN-ESCL

|              |          |          |          |          |          |          |     |
|--------------|----------|----------|----------|----------|----------|----------|-----|
| THERMAL UNIT | 967      | 968      | 969      | 970      | 971      | 972      | 973 |
| CR1_NGCC     | MR5_NGCC | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP |     |
| 967          | 968      | 969      | 970      | 971      | 972      | 973      |     |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1

GEN-ESCL

GEN-ESCL

|              |          |          |          |          |          |          |          |
|--------------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | 974      | 975      | 976      | 977      | 978      | 979      | 980      |
| DUMMY_OP     | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 974          | 975      | 976      | 977      | 978      | 979      | 979      | 980      |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1

|              |          |          |          |          |          |          |          |
|--------------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | 981      | 982      | 983      | 984      | 985      | 986      | 987      |
| DUMMY_OP     | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 981          | 982      | 983      | 984      | 985      | 986      | 986      | 987      |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1

|              |          |          |          |          |          |          |          |
|--------------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | 988      | 989      | 990      | 991      | 992      | 993      | 994      |
| DUMMY_OP     | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 988          | 989      | 990      | 991      | 992      | 992      | 993      | 994      |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1

|              |         |         |          |          |     |  |  |
|--------------|---------|---------|----------|----------|-----|--|--|
| THERMAL UNIT | 995     | 996     | 997      | 998      | 999 |  |  |
| DUMMY_OP     | ML_KP20 | ML_KP20 | T4_TRONA | DUMMY_OP |     |  |  |
| 995          | 996     | 997     | 998      | 999      |     |  |  |

UNIT FUELS  
 ESCALATION UNIT FUEL AUXILIARY 1  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                   |   |   |   |   |   |
|-------------------|---|---|---|---|---|
| CAPACITY SEGMENTS | 1 | 2 | 3 | 4 | 5 |
|-------------------|---|---|---|---|---|

SEGMENT CAPACITY LIBRARY

|                          |        |        |        |        |      |
|--------------------------|--------|--------|--------|--------|------|
| 1 AMS_1D                 |        |        |        |        |      |
| SEGMENT CAPACITY LIBRARY | 350.00 | 600.00 | 672.00 | 790.00 | 0.00 |
| 2 AMS_2D                 |        |        |        |        |      |
| SEGMENT CAPACITY LIBRARY | 350.00 | 600.00 | 672.00 | 790.00 | 0.00 |
| 3 AMOS_3                 |        |        |        |        |      |
| SEGMENT CAPACITY LIBRARY | 462.00 | 683.10 | 772.20 | 858.00 | 0.00 |
| 4 BECK_6                 |        |        |        |        |      |
| SEGMENT CAPACITY LIBRARY | 20.00  | 42.00  | 53.00  | 0.00   | 0.00 |
| 5 BIGS_1                 |        |        |        |        |      |
| SEGMENT CAPACITY LIBRARY | 100.00 | 236.00 | 278.00 | 0.00   | 0.00 |



## 1 A Input Summary.txt

|                          |         |         |         |         |      |
|--------------------------|---------|---------|---------|---------|------|
| 6 BIGS_2                 | 300.00  | 600.00  | 680.00  | 800.00  | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 7 CD1_D                  | 325.00  | 476.00  | 595.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 8 CD2_D                  | 325.00  | 476.00  | 595.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 9 CARD_3                 | 325.00  | 504.00  | 630.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 10 CLIF_1                | 37.00   | 66.00   | 87.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 11 CLIF_2                | 37.00   | 65.00   | 87.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 12 CLIF_3                | 37.00   | 65.00   | 87.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 13 CLIF_4                | 37.00   | 65.00   | 87.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 14 CLIF_5                | 37.00   | 65.00   | 87.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 15 CLIF_6                | 23.00   | 65.00   | 87.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 16 CLIN_1                | 60.00   | 200.00  | 235.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 17 CLIN_2                | 60.00   | 200.00  | 235.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 18 CLIN_3                | 60.00   | 200.00  | 235.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 19                       | 40.00   | 132.00  | 165.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 20                       | 141.00  | 270.00  | 337.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 21 CSVL_3                | 130.00  | 340.00  | 391.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 22 CSVL_4                | 130.00  | 340.00  | 391.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 23 CSVL_5                | 1082.00 | 1083.00 | 1084.00 | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 24 CSVL_6                | 900.00  | 1090.00 | 1222.00 | 1320.00 | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 25 COK1_09               | 950.00  | 1090.00 | 1222.00 | 1320.00 | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 26                       | 25.00   | 73.00   | 95.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 27 GAVI_1                | 75.00   | 204.00  | 240.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 28 GAVI_2                | 20.00   | 121.00  | 0.00    | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 29 GLEN_5                | 2.00    | 18.00   | 0.00    | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 30 GLEN_6                | 70.00   | 179.00  | 210.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 31 HYDRAP                | 70.00   | 179.00  | 210.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 32 HYDRIM                | 70.00   | 179.00  | 210.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 33 KAMM_1                | 50.00   | 180.00  | 200.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 34 KAMM_2                | 50.00   | 180.00  | 200.00  | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 35 KAMM_3                | 65.00   | 75.00   | 85.00   | 0.00    | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 36 KANA_1                | 307.00  | 409.00  | 512.00  | 614.00  | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 37 KANA_2                | 317.00  | 423.00  | 528.00  | 634.00  | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 38 KYGE_3                | 600.00  | 1144.00 | 1183.00 | 1314.00 | 0.00 |
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |

1 A Input Summary.txt

|           |                          |        |        |        |         |      |
|-----------|--------------------------|--------|--------|--------|---------|------|
| 39        | SEGMENT CAPACITY LIBRARY | 60.00  | 174.00 | 205.00 | 0.00    | 0.00 |
| 40        | SEGMENT CAPACITY LIBRARY | 60.00  | 174.00 | 205.00 | 0.00    | 0.00 |
| 41        | SEGMENT CAPACITY LIBRARY | 60.00  | 183.00 | 215.00 | 0.00    | 0.00 |
| 42        | SEGMENT CAPACITY LIBRARY | 60.00  | 183.00 | 215.00 | 0.00    | 0.00 |
| 43 MITC_1 | SEGMENT CAPACITY LIBRARY | 450.00 | 540.00 | 600.00 | 0.00    | 0.00 |
| 44 MITC_2 | SEGMENT CAPACITY LIBRARY | 35.00  | 120.00 | 150.00 | 0.00    | 0.00 |
| 45 MOUN_1 | SEGMENT CAPACITY LIBRARY | 35.00  | 120.00 | 150.00 | 0.00    | 0.00 |
| 46 MUSK_1 | SEGMENT CAPACITY LIBRARY | 35.00  | 120.00 | 150.00 | 0.00    | 0.00 |
| 47 MUSK_2 | SEGMENT CAPACITY LIBRARY | 35.00  | 120.00 | 150.00 | 0.00    | 0.00 |
| 48 MUSK_3 | SEGMENT CAPACITY LIBRARY | 270.00 | 360.00 | 450.00 | 0.00    | 0.00 |
| 49 MUSK_4 | SEGMENT CAPACITY LIBRARY | 10.00  | 80.00  | 100.00 | 0.00    | 0.00 |
| 50 MUSK_5 | SEGMENT CAPACITY LIBRARY | 1.00   | 26.00  | 0.00   | 0.00    | 0.00 |
| 51 PSPN_1 | SEGMENT CAPACITY LIBRARY | 370.00 | 553.00 | 829.00 | 1105.00 | 0.00 |
| 52 PSPN_2 | SEGMENT CAPACITY LIBRARY | 305.00 | 605.00 | 845.00 | 1105.00 | 0.00 |
| 53 PSPN_3 | SEGMENT CAPACITY LIBRARY | 10.00  | 586.00 | 0.00   | 0.00    | 0.00 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| CAPACITY SEGMENTS        | 1       | 2       | 3       | 4       | 5    |
|--------------------------|---------|---------|---------|---------|------|
| SEGMENT CAPACITY LIBRARY |         |         |         |         |      |
| 54 PSPN_4                | 104.00  | 120.00  | 150.00  | 0.00    | 0.00 |
| 55 PSPN_5                | 50.00   | 116.00  | 145.00  | 0.00    | 0.00 |
| 56 PICW_5                | 50.00   | 116.00  | 145.00  | 0.00    | 0.00 |
| 57 RACINE                | 65.00   | 174.00  | 205.00  | 0.00    | 0.00 |
| 58 ROCK_1IM              | 200.00  | 440.00  | 500.00  | 0.00    | 0.00 |
| 59 ROCK_2IM              | 165.00  | 290.00  | 330.00  | 0.00    | 0.00 |
| 60 SMITHMT               | 325.00  | 496.00  | 620.00  | 0.00    | 0.00 |
| 61 ST1234                | 1105.00 | 1106.00 | 1107.00 | 0.00    | 0.00 |
| 62                       | 84.00   | 86.00   | 0.00    | 0.00    | 0.00 |
| 63                       | 83.00   | 85.00   | 0.00    | 0.00    | 0.00 |
| 64                       | 600.00  | 1089.00 | 1130.00 | 1256.00 | 0.00 |
| 65                       | 312.00  | 468.00  | 624.00  | 0.00    | 0.00 |
| 66 TANN_1                | 231.00  | 341.55  | 386.10  | 429.00  | 0.00 |

|                          |          | 1 A Input Summary.txt |        |        |         |        |
|--------------------------|----------|-----------------------|--------|--------|---------|--------|
| 67                       | TANN 2   |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 318.00                | 477.00 | 636.00 | 0.00    | 0.00   |
| 68                       | TANN 3   |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 140.00                | 232.00 | 480.00 | 719.00  | 840.00 |
| 69                       | TANN 4   |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 100.00                | 228.00 | 270.00 | 0.00    | 0.00   |
| 70                       | ZIMM 1   |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 173.00                | 175.00 | 0.00   | 0.00    | 0.00   |
| 71                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 173.00                | 175.00 | 0.00   | 0.00    | 0.00   |
| 72                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 173.00                | 175.00 | 0.00   | 0.00    | 0.00   |
| 73                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 191.00                | 286.00 | 381.00 | 0.00    | 0.00   |
| 74                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 373.00                | 558.00 | 745.00 | 0.00    | 0.00   |
| 75                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 192.00                | 288.00 | 384.00 | 0.00    | 0.00   |
| 76                       | CARD3D   |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 309.00                | 464.00 | 618.00 | 0.00    | 0.00   |
| 77                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 400.00                | 524.00 | 591.00 | 0.00    | 0.00   |
| 78                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 510.00                | 563.13 | 844.69 | 1126.25 | 0.00   |
| 79                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 359.00                | 545.00 | 818.00 | 1090.00 | 0.00   |
| 80                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 140.00                | 248.00 | 516.00 | 593.00  | 0.00   |
| 81                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 273.00                | 499.00 | 625.00 | 0.00    | 0.00   |
| 82                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 295.00                | 433.00 | 492.00 | 0.00    | 0.00   |
| 83                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 500.00                | 592.00 | 685.00 | 777.00  | 0.00   |
| 84                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 500.00                | 596.00 | 691.00 | 787.00  | 0.00   |
| 85                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 500.00                | 597.00 | 693.00 | 790.00  | 0.00   |
| 86                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 300.00                | 600.00 | 659.00 | 775.00  | 0.00   |
| 87                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 359.00                | 545.00 | 818.00 | 1090.00 | 0.00   |
| 88                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 359.00                | 545.00 | 818.00 | 1090.00 | 0.00   |
| 89                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 357.00                | 544.00 | 816.00 | 1088.00 | 0.00   |
| 90                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 344.00                | 536.00 | 803.00 | 1071.00 | 0.00   |
| 91                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 192.00                | 384.00 | 575.00 | 767.00  | 0.00   |
| 92                       | CK2 1011 |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 60.00                 | 136.00 | 212.00 | 0.00    | 0.00   |
| 93                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 255.00                | 383.00 | 510.00 | 0.00    | 0.00   |
| 94                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 100.00                | 221.00 | 260.00 | 0.00    | 0.00   |
| 95                       |          |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 80.00                 | 120.00 | 131.00 | 154.00  | 0.00   |
| 96                       | CERED0   |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 90.00                 | 120.00 | 134.00 | 158.00  | 0.00   |
| 97                       | DARBY    |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 200.00                | 300.00 | 328.00 | 385.00  | 0.00   |
| 98                       | MOUN10   |                       |        |        |         |        |
| SEGMENT CAPACITY LIBRARY |          | 225.00                | 300.00 | 335.00 | 395.00  | 0.00   |

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1 A Input Summary.txt  
AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| CAPACITY SEGMENTS              | 1    | 2     | 3     | 4    |
|--------------------------------|------|-------|-------|------|
| SEGMENT EMISSIONS LIBRARY      |      |       |       |      |
| 1 AMOS1_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.41 | 0.43  | 0.43  | 0.44 |
| 2 AMOS2_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.40 | 0.41  | 0.42  | 0.43 |
| 3 AMOS3_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.59 | 0.65  | 0.67  | 0.69 |
| 4 BECK_11                      |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.00 | 0.00  | 0.00  | 0.00 |
| 5 BIG_1_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 4.70 | 10.56 | 12.49 | 0.00 |
| 6 BIG_2_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.39 | 0.39  | 0.38  | 0.38 |
| 7 BIG_2_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.37 | 0.37  | 0.37  | 0.36 |
| 8 CARD1_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.40 | 0.45  | 0.48  | 0.00 |
| 9 CARD2_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.41 | 0.45  | 0.48  | 0.00 |
| 10 CARD3_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.44 | 0.49  | 0.53  | 0.00 |
| 11 CLMR1_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.68 | 3.57  | 4.13  | 0.00 |
| 12 CLMR2_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.74 | 3.60  | 4.14  | 0.00 |
| 13 CLMR3_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.70 | 3.50  | 4.02  | 0.00 |
| 14 CSVL3_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 3.69 | 8.84  | 11.13 | 0.00 |
| 15 CSVL4_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.51 | 0.55  | 0.56  | 0.00 |
| 16 CSVL5_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.96 | 4.65  | 5.19  | 0.00 |
| 17 CSVL6_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.89 | 4.54  | 5.07  | 0.00 |
| 18 GAV1_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.65 | 0.67  | 0.69  | 0.70 |
| 19 GAV2_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.58 | 0.60  | 0.61  | 0.62 |
| 20 GLN5_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 4.96 | 5.46  | 5.69  | 0.00 |
| 21 GLN6_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.93 | 4.34  | 4.77  | 0.00 |
| 22 KMR1_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.52 | 2.15  | 1.98  | 0.00 |
| 23 KMR2_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.58 | 2.17  | 2.00  | 0.00 |
| 24 KMR3_11                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.45 | 2.08  | 1.92  | 0.00 |
| 25 KNWH1_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.14 | 5.69  | 6.33  | 0.00 |
| 26 KNWH2_11                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.97 | 4.96  | 5.49  | 0.00 |
| 27 SP3_SNCR                    |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.62 | 2.42  | 2.73  | 0.00 |
| 28 MTN_18%                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.61 | 0.70  | 0.71  | 0.73 |
| 29 MTN_90%                     |      |       |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.69 | 0.76  | 0.77  | 0.79 |

| 1 A Input Summary.txt          |          |      |       |      |
|--------------------------------|----------|------|-------|------|
| 30                             | MTCH1_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.44     | 0.47 | 0.48  | 0.51 |
| 31                             | MTCH2_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.42     | 0.44 | 0.46  | 0.48 |
| 32                             | MNTR_11  |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.61     | 0.61 | 0.62  | 0.64 |
| 33                             | MTNR_1   |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.59     | 0.68 | 0.68  | 0.71 |
| 34                             | MR1_11   |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 4.89     | 8.91 | 10.15 | 0.00 |
| 35                             | MR2_11   |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 3.77     | 6.56 | 7.42  | 0.00 |
| 36                             | MR3_11   |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 3.41     | 6.12 | 6.94  | 0.00 |
| 37                             | MR4_11   |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.79     | 5.82 | 6.77  | 0.00 |
| 38                             | MR5_11   |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.54     | 0.57 | 0.59  | 0.00 |
| 39                             | SPRN1_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.06     | 3.59 | 4.21  | 0.00 |
| 40                             | SPRN2_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.97     | 3.46 | 4.06  | 0.00 |
| 41                             | SPRN3_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.04     | 3.60 | 4.24  | 0.00 |
| 42                             | SPRN4_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.00     | 3.57 | 4.20  | 0.00 |
| 43                             | SPRN5_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 3.84     | 4.91 | 6.07  | 0.00 |
| 44                             | PCWY_11  |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 4.81     | 7.11 | 7.81  | 0.00 |
| 45                             | ROCK1_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.76     | 2.39 | 2.80  | 3.24 |
| 46                             | ROCK2_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.72     | 2.29 | 2.63  | 3.02 |
| 47                             | TNRC1_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.24     | 2.93 | 3.25  | 0.00 |
| 48                             | TNRC2_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.36     | 2.98 | 3.26  | 0.00 |
| 49                             | TNRC3_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.16     | 3.72 | 4.16  | 0.00 |
| 50                             | BS2_FGD  |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.47     | 1.06 | 1.25  | 0.00 |
| 51                             | TNRC4_11 |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 1.68     | 2.17 | 2.30  | 0.00 |
| 52                             | CD3_11   |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.43     | 0.48 | 0.52  | 0.00 |
| 53                             | AM1_FGD  |      |       |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.42     | 0.43 | 0.43  | 0.44 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = G&F.INPUT.THERMAL UNIT.

| CAPACITY SEGMENTS              | 1    | 2    | 3    | 4    |
|--------------------------------|------|------|------|------|
| SEGMENT EMISSIONS LIBRARY      |      |      |      |      |
| 54 AM2_FGD                     |      |      |      |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.41 | 0.42 | 0.42 | 0.43 |
| 55 AM3_FGD                     |      |      |      |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.78 | 0.80 | 0.83 | 0.86 |
| 56 BS1_SMCR                    |      |      |      |      |
| SEGMENT EMISSIONS DATA LIBRARY | 2.32 | 3.86 | 4.36 | 0.00 |
| 57 BS2_FGD                     |      |      |      |      |
| SEGMENT EMISSIONS DATA LIBRARY | 0.40 | 0.40 | 0.40 | 0.39 |
| 58 CSV4_FGD                    |      |      |      |      |

| SEGMENT EMISSIONS DATA LIBRARY                | 0.56 | 1 A Input Summary.txt<br>0.59 | 0.62 | 0.00 |
|-----------------------------------------------|------|-------------------------------|------|------|
| 59 SP4_SNCR<br>SEGMENT EMISSIONS DATA LIBRARY | 1.59 | 2.41                          | 2.73 | 0.00 |
| 60 CSV5_SCR<br>SEGMENT EMISSIONS DATA LIBRARY | 0.30 | 0.47                          | 0.52 | 0.00 |
| 61 CSV6_SCR<br>SEGMENT EMISSIONS DATA LIBRARY | 0.29 | 0.45                          | 0.51 | 0.00 |
| 62 GAV1_CCS<br>SEGMENT EMISSIONS DATA LIBRARY | 0.66 | 0.66                          | 0.68 | 0.69 |
| 63 GAV2_FUP<br>SEGMENT EMISSIONS DATA LIBRARY | 0.68 | 0.68                          | 0.70 | 0.71 |
| 64 GAV2_FUP<br>SEGMENT EMISSIONS DATA LIBRARY | 0.77 | 0.78                          | 0.79 | 0.80 |
| 65 MR5_FGD<br>SEGMENT EMISSIONS DATA LIBRARY  | 0.47 | 0.51                          | 0.53 | 0.00 |
| 66 RP1_FGSC<br>SEGMENT EMISSIONS DATA LIBRARY | 0.33 | 0.35                          | 0.35 | 0.35 |
| 67 RP2_FGSC<br>SEGMENT EMISSIONS DATA LIBRARY | 1.71 | 2.24                          | 2.77 | 3.28 |
| 68 TC1_SNCR<br>SEGMENT EMISSIONS DATA LIBRARY | 1.68 | 2.14                          | 2.35 | 0.00 |
| 69 TC2_SNCR<br>SEGMENT EMISSIONS DATA LIBRARY | 1.77 | 2.17                          | 2.36 | 0.00 |
| 70 TC3_SNCR<br>SEGMENT EMISSIONS DATA LIBRARY | 1.87 | 2.57                          | 2.78 | 0.00 |
| 71 ROCK2_15<br>SEGMENT EMISSIONS DATA LIBRARY | 2.01 | 2.66                          | 3.20 | 3.80 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

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| 85   | 1    | 1    | 1    | 1    | 1    |
| 86   | 1    | 1    | 1    | 1    | 1    |
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| 92   | 1    | 1    | 1    | 1    | 1    |
| 93   | 1    | 1    | 1    | 1    | 1    |
| 94   | 1    | 1    | 1    | 1    | 1    |
| 95   | 1    | 1    | 1    | 1    | 1    |
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[illegible]

**[REDACTED]**

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| Category | Item 1    | Item 2    | Item 3    | Item 4    | Item 5    |
|----------|-----------|-----------|-----------|-----------|-----------|
| 1        | Item 1.1  | Item 1.2  | Item 1.3  | Item 1.4  | Item 1.5  |
| 2        | Item 2.1  | Item 2.2  | Item 2.3  | Item 2.4  | Item 2.5  |
| 3        | Item 3.1  | Item 3.2  | Item 3.3  | Item 3.4  | Item 3.5  |
| 4        | Item 4.1  | Item 4.2  | Item 4.3  | Item 4.4  | Item 4.5  |
| 5        | Item 5.1  | Item 5.2  | Item 5.3  | Item 5.4  | Item 5.5  |
| 6        | Item 6.1  | Item 6.2  | Item 6.3  | Item 6.4  | Item 6.5  |
| 7        | Item 7.1  | Item 7.2  | Item 7.3  | Item 7.4  | Item 7.5  |
| 8        | Item 8.1  | Item 8.2  | Item 8.3  | Item 8.4  | Item 8.5  |
| 9        | Item 9.1  | Item 9.2  | Item 9.3  | Item 9.4  | Item 9.5  |
| 10       | Item 10.1 | Item 10.2 | Item 10.3 | Item 10.4 | Item 10.5 |
| 11       | Item 11.1 | Item 11.2 | Item 11.3 | Item 11.4 | Item 11.5 |
| 12       | Item 12.1 | Item 12.2 | Item 12.3 | Item 12.4 | Item 12.5 |
| 13       | Item 13.1 | Item 13.2 | Item 13.3 | Item 13.4 | Item 13.5 |
| 14       | Item 14.1 | Item 14.2 | Item 14.3 | Item 14.4 | Item 14.5 |
| 15       | Item 15.1 | Item 15.2 | Item 15.3 | Item 15.4 | Item 15.5 |
| 16       | Item 16.1 | Item 16.2 | Item 16.3 | Item 16.4 | Item 16.5 |
| 17       | Item 17.1 | Item 17.2 | Item 17.3 | Item 17.4 | Item 17.5 |
| 18       | Item 18.1 | Item 18.2 | Item 18.3 | Item 18.4 | Item 18.5 |
| 19       | Item 19.1 | Item 19.2 | Item 19.3 | Item 19.4 | Item 19.5 |
| 20       | Item 20.1 | Item 20.2 | Item 20.3 | Item 20.4 | Item 20.5 |
| 21       | Item 21.1 | Item 21.2 | Item 21.3 | Item 21.4 | Item 21.5 |
| 22       | Item 22.1 | Item 22.2 | Item 22.3 | Item 22.4 | Item 22.5 |
| 23       | Item 23.1 | Item 23.2 | Item 23.3 | Item 23.4 | Item 23.5 |
| 24       | Item 24.1 | Item 24.2 | Item 24.3 | Item 24.4 | Item 24.5 |
| 25       | Item 25.1 | Item 25.2 | Item 25.3 | Item 25.4 | Item 25.5 |
| 26       | Item 26.1 | Item 26.2 | Item 26.3 | Item 26.4 | Item 26.5 |
| 27       | Item 27.1 | Item 27.2 | Item 27.3 | Item 27.4 | Item 27.5 |
| 28       | Item 28.1 | Item 28.2 | Item 28.3 | Item 28.4 | Item 28.5 |
| 29       | Item 29.1 | Item 29.2 | Item 29.3 | Item 29.4 | Item 29.5 |
| 30       | Item 30.1 | Item 30.2 | Item 30.3 | Item 30.4 | Item 30.5 |
| 31       | Item 31.1 | Item 31.2 | Item 31.3 | Item 31.4 | Item 31.5 |
| 32       | Item 32.1 | Item 32.2 | Item 32.3 | Item 32.4 | Item 32.5 |
| 33       | Item 33.1 | Item 33.2 | Item 33.3 | Item 33.4 | Item 33.5 |
| 34       | Item 34.1 | Item 34.2 | Item 34.3 | Item 34.4 | Item 34.5 |
| 35       | Item 35.1 | Item 35.2 | Item 35.3 | Item 35.4 | Item 35.5 |
| 36       | Item 36.1 | Item 36.2 | Item 36.3 | Item 36.4 | Item 36.5 |
| 37       | Item 37.1 | Item 37.2 | Item 37.3 | Item 37.4 | Item 37.5 |
| 38       | Item 38.1 | Item 38.2 | Item 38.3 | Item 38.4 | Item 38.5 |
| 39       | Item 39.1 | Item 39.2 | Item 39.3 | Item 39.4 | Item 39.5 |
| 40       | Item 40.1 | Item 40.2 | Item 40.3 | Item 40.4 | Item 40.5 |
| 41       | Item 41.1 | Item 41.2 | Item 41.3 | Item 41.4 | Item 41.5 |
| 42       | Item 42.1 | Item 42.2 | Item 42.3 | Item 42.4 | Item 42.5 |
| 43       | Item 43.1 | Item 43.2 | Item 43.3 | Item 43.4 | Item 43.5 |
| 44       | Item 44.1 | Item 44.2 | Item 44.3 | Item 44.4 | Item 44.5 |
| 45       | Item 45.1 | Item 45.2 | Item 45.3 | Item 45.4 | Item 45.5 |
| 46       | Item 46.1 | Item 46.2 | Item 46.3 | Item 46.4 | Item 46.5 |
| 47       | Item 47.1 | Item 47.2 | Item 47.3 | Item 47.4 | Item 47.5 |
| 48       | Item 48.1 | Item 48.2 | Item 48.3 | Item 48.4 | Item 48.5 |
| 49       | Item 49.1 | Item 49.2 | Item 49.3 | Item 49.4 | Item 49.5 |
| 50       | Item 50.1 | Item 50.2 | Item 50.3 | Item 50.4 | Item 50.5 |



| Year | 2010 | 2011 | 2012 | 2013 | 2014 |
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## CAPACITY SEGMENTS

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 2. **Background**  
 3. **Methodology**  
 4. **Results**  
 5. **Discussion**  
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 23. **Figure 15**  
 24. **Figure 16**  
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1 A Input Summary.txt

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 1    | 2    | 3    | 4       | 5    | 6        | 7    |
|---------------------------|-----------|------|------|------|---------|------|----------|------|
|                           | AMOS      | 1    | AMOS | 2    | AMOS_OP | 3    | BECKJORD | 4    |
|                           |           | 1    |      | 2    |         | 3    |          | 6    |
|                           |           |      |      |      |         |      | BIG SAND | 5    |
|                           |           |      |      |      |         |      |          | 1    |
|                           |           |      |      |      |         |      | BIG SAND | 6    |
|                           |           |      |      |      |         |      |          | 2    |
|                           |           |      |      |      |         |      | CARD 1+2 | 7    |
|                           |           |      |      |      |         |      |          | 1    |
| ----- YEAR 2011 -----     |           |      |      |      |         |      |          |      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00     | 0.00 |
| EMISSIONS DATA AT MINIMUM |           | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00     | 0.00 |
| EMISSIONS DATA PROFILE    |           | 0    | 0    | 0    | 0       | 0    | 0        | 0    |
| ----- YEAR 2012 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2013 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2014 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2015 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2016 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2017 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2018 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2019 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2020 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2021 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2022 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2023 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2024 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2025 -----     |           |      |      |      |         |      |          |      |
| ----- YEAR 2026 -----     |           |      |      |      |         |      |          |      |

1 A Input Summary.txt

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

1 S02 (E)

|          |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|
|          | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
| CARD 1+2 | CARD 3 | CLIFTY | CLIFTY | CLIFTY | CLIFTY | CLIFTY | CLIFTY |
| 2        | 3      | 1      | 2      | 3      | 4      | 5      |        |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT

1 S02 (E)

1 A Input Summary.txt

| THERMAL UNIT              | 15<br>CLIFTY<br>6 | 16<br>CLINCH R<br>1 | 17<br>CLINCH R<br>2 | 18<br>CLINCH R<br>3 | 19<br>ROCKP_KP<br>1 | 20<br>ROCKP_KP<br>2 | 21<br>CSVL 1-4<br>3 |
|---------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |                   |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00              | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| ----- YEAR 2012 -----     |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2013 -----     |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2014 -----     |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2015 -----     |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2016 -----     |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2017 -----     |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2018 -----     |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2019 -----     |                   |                     |                     |                     |                     |                     |                     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.

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NewEnergy Associates  
Strategist Page 306

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 15<br>CLIFTY<br>6 | 16<br>CLINCH R<br>1 | 17<br>CLINCH R<br>2 | 18<br>CLINCH R<br>3 | 19<br>ROCKP_KP<br>1 | 20<br>ROCKP_KP<br>2 | 21<br>CSVL 1-4<br>3 |
|--------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2020 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2021 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2022 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2023 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2024 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2025 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2026 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2027 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2028 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2029 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2030 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2031 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2032 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2033 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2034 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2035 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2036 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2037 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2038 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2039 -----    |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2040 -----    |                   |                     |                     |                     |                     |                     |                     |

  

| EFFLUENT<br>THERMAL UNIT  | 22<br>CSVL 1-4<br>4 | 23<br>CSVL 5+6<br>5 | 24<br>CSVL 5+6<br>6 | 25<br>D C COOK<br>1 | 26<br>D C COOK<br>2 | 27<br>GAVIN<br>1 | 28<br>GAVIN<br>2 |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|
| ----- YEAR 2011 -----     |                     |                     |                     |                     |                     |                  |                  |
| EMISSIONS DATA AT MAXIMUM | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00             | 0.00             |
| EMISSIONS DATA AT MINIMUM | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00             | 0.00             |
| EMISSIONS DATA PROFILE    | 0                   | 0                   | 0                   | 0                   | 0                   | 0                | 0                |
| ----- YEAR 2012 -----     |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2013 -----     |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2014 -----     |                     |                     |                     |                     |                     |                  |                  |

1 A Input Summary.txt

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

1 S02 (E)

|          |          |        |        |        |         |         |
|----------|----------|--------|--------|--------|---------|---------|
| 29       | 30       | 33     | 34     | 35     | 36      | 37      |
| GLEN LYN | GLEN LYN | KAMMER | KAMMER | KAMMER | KANAUHA | KANAUHA |
| 5        | 6        | 1      | 2      | 3      | 1       | 2       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
Strategist Page 307

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 1 S02 (E) | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 | 36<br>KANAWHA<br>1 | 37<br>KANAWHA<br>2 |
|--------------------------|-----------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| ----- YEAR 2030 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2031 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2032 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2033 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2034 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2035 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2036 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2037 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2038 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2039 -----    |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2040 -----    |           |                     |                     |                   |                   |                   |                    |                    |

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 38<br>KYGER<br>1 | 39<br>KYGER<br>2 | 40<br>KYGER<br>3 | 41<br>KYGER<br>4 | 42<br>KYGER<br>5 | 43<br>MITCHELL<br>1 | 44<br>MITCHELL<br>2 |
|---------------------------|-----------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM |           | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                | 0                | 0                | 0                | 0                | 0                   | 0                   |
| ----- YEAR 2012 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2013 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2014 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2015 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2016 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2017 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2018 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2019 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2020 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2021 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2022 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2023 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2024 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2025 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2026 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2027 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2028 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2029 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2030 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2031 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2032 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2033 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2034 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2035 -----     |           |                  |                  |                  |                  |                  |                     |                     |



1 A Input Summary.txt

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

| 1 S02 (E)                 | 45<br>MOUNT_ER<br>1 | 46<br>MUSK RVR<br>1 | 47<br>MUSK RVR<br>2 | 48<br>MUSK RVR<br>3 | 49<br>MUSK RVR<br>4 | 50<br>MUSK RVR<br>5 | 51<br>P SPORN<br>1 |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| EMISSIONS DATA AT MAXIMUM | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00               |
| EMISSIONS DATA AT MINIMUM | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00               |
| EMISSIONS DATA PROFILE    | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   | 0                  |

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
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 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

| 1 S02 (E) | 45<br>MOUNT_ER<br>1 | 46<br>MUSK RVR<br>1 | 47<br>MUSK RVR<br>2 | 48<br>MUSK RVR<br>3 | 49<br>MUSK RVR<br>4 | 50<br>MUSK RVR<br>5 | 51<br>P SPORN<br>1 |
|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|

----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

| 1 S02 (E) | 52<br>P SPORN | 53<br>P SPORN | 54<br>P SPORN | 55<br>P SPORN | 56<br>PICWAY | 57<br>RPRET_IM | 58<br>RPRUN_IM |
|-----------|---------------|---------------|---------------|---------------|--------------|----------------|----------------|
|-----------|---------------|---------------|---------------|---------------|--------------|----------------|----------------|

|                           | 1 A Input Summary.txt |      |      |      |      |      |      |
|---------------------------|-----------------------|------|------|------|------|------|------|
|                           | 2                     | 3    | 4    | 5    | 5    | 1    | 1    |
| ----- YEAR 2011 -----     |                       |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0                     | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 SO2 (E)           |                   |                   |                   |                   |                    |                     |
|---------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
|                           | 59<br>ROCKP_IM<br>2 | 61<br>STUART<br>1 | 62<br>STUART<br>2 | 63<br>STUART<br>3 | 64<br>STUART<br>4 | 65<br>AMOS_AP<br>3 | 66<br>TANN 1-3<br>1 |
| ----- YEAR 2011 -----     |                     |                   |                   |                   |                   |                    |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                | 0.00              | 0.00              | 0.00              | 0.00              | 0.00               | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                | 0.00              | 0.00              | 0.00              | 0.00              | 0.00               | 0.00                |
| EMISSIONS DATA PROFILE    | 0                   | 0                 | 0                 | 0                 | 0                 | 0                  | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----

----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 67<br>TANN 1-3<br>2 | 68<br>TANN 1-3<br>3 | 69<br>TANN 4<br>4 | 70<br>ZIMMER<br>1 | 71<br>ROBTMONE<br>1 | 72<br>ROBTMONE<br>2 | 73<br>ROBTMONE<br>3 |
|---------------------------|-----------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                   |                   |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
 Strategist Page 309

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 1 S02 (E) | 67<br>TANN 1-3<br>2 | 68<br>TANN 1-3<br>3 | 69<br>TANN 4<br>4 | 70<br>ZIMMER<br>1 | 71<br>ROBTMONE<br>1 | 72<br>ROBTMONE<br>2 | 73<br>ROBTMONE<br>3 |
|--------------------------|-----------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2016 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2017 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2018 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2019 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2020 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2021 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2022 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2023 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2024 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2025 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2026 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2027 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2028 -----    |           |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2029 -----    |           |                     |                     |                   |                   |                     |                     |                     |

1 A Input Summary.txt

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

|           |        |        |        |        |        |        |       |
|-----------|--------|--------|--------|--------|--------|--------|-------|
| 1 SO2 (E) | 75     | 76     | 77     | 78     | 79     | 80     | 81    |
| CEREDO    | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY |
| 1         | 2      | 3      | 4      | 5      | 6      |        | 1     |
| 0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  |
| 0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  |
| 0         | 0      | 0      | 0      | 0      | 0      | 0      | 0     |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

|           |       |       |       |       |       |          |          |
|-----------|-------|-------|-------|-------|-------|----------|----------|
| 1 SO2 (E) | 82    | 83    | 84    | 85    | 86    | 87       | 88       |
| DARBY     | DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN | LWBG WIN |
| 2         | 3     | 4     | 5     | 6     |       | 1        | 2        |
| 0.00      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |
| 0.00      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00     |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM

## EMISSIONS DATA PROFILE

1 A Input Summary.txt

0 0 0 0 0 0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

1 SO2 (E)  
 82 83 84 85 86 87 88  
 DARBY 2 DARBY 3 DARBY 4 DARBY 5 DARBY 6 LWBG WIN 1 LWBG WIN 2

----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

1 SO2 (E)  
 89 90 91 92 93 94 96  
 LWBG SHR 1 LWBG SHR 2 WATR CC 1 WATR2 1 DRESDEN 1 DRES2 1 CT\_APC0 1

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 EMISSIONS DATA AT MINIMUM 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 EMISSIONS DATA PROFILE 0 0 0 0 0 0 0  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----

1 A Input Summary.txt

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 SO2 (E) | 97      | 98       | 99      | 100    | 101    | 102     | 103  |
|---------------------------|-----------|---------|----------|---------|--------|--------|---------|------|
|                           | CC_APC0   | IGCC AP | PC_UL_AP | Nuke_AP | CT_I&M | CC_I&M | IGCC IM |      |
|                           | 1         | 1       | 1        | 1       | 1      | 1      | 1       | 1    |
| ----- YEAR 2011 -----     |           |         |          |         |        |        |         |      |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00    | 0.00     | 0.00    | 0.00   | 0.00   | 0.00    | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00    | 0.00     | 0.00    | 0.00   | 0.00   | 0.00    | 0.00 |
| EMISSIONS DATA PROFILE    | 0         | 0       | 0        | 0       | 0      | 0      | 0       | 0    |
| ----- YEAR 2012 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2013 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2014 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2015 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2016 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2017 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2018 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2019 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2020 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2021 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2022 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2023 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2024 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2025 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2026 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2027 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2028 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2029 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2030 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2031 -----     |           |         |          |         |        |        |         |      |
| ----- YEAR 2032 -----     |           |         |          |         |        |        |         |      |

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

1 SO2 (E)

| 97      | 98      | 99       | 100     | 101    | 102    | 103     |
|---------|---------|----------|---------|--------|--------|---------|
| CC_APCO | IGCC AP | PC_UL_AP | Nuke_AP | CT_I&M | CC_I&M | IGCC IM |
| 1       | 1       | 1        | 1       | 1      | 1      | 1       |

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

1 SO2 (E)

| 104      | 105     | 106     | 107     | 108     | 109      | 110     |
|----------|---------|---------|---------|---------|----------|---------|
| PC_UL_IM | NUKE_IM | CT_KPCO | CC_KPCO | IGCC KP | PC_UL_KP | NUKE_KP |
| 1        | 1       | 1       | 1       | 1       | 1        | 1       |

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

1 A Input Summary.txt

----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 111<br>CT_OHIO<br>1 | 112<br>CC_OH<br>1 | 113<br>IGCC OH<br>1 | 114<br>PC_UL_OH<br>1 | 115<br>NUKE OH<br>1 | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1 |
|---------------------------|-----------|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| ----- YEAR 2011 -----     |           |                     |                   |                     |                      |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00              | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00              | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                 | 0                   | 0                    | 0                   | 0                    | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CRI_NGCC<br>1 |
|---------------------------|-----------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                    | 0                   | 0                    | 0                    | 0                    |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CRI_NGCC<br>1 |
|---------------------------|-----------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                    | 0                   | 0                    | 0                    | 0                    |



1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2023 -----  
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 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

1 SO2 (E)

|          |          |         |         |         |          |         |
|----------|----------|---------|---------|---------|----------|---------|
| 130      | 131      | 132     | 133     | 134     | 135      | 136     |
| CR2_NGCC | MR5_NGCC | MR5_FGD | RP1D_IM | RP2D_IM | TAN4_FGD | RP1D_KP |
| 2        | 5        | 5       | 1       | 2       | 4        | 1       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |

1 A Input Summary.txt

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
|---------------------------|-----------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.69                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.69                 |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                   | 0                   | 0                    | 0                    | 0                    |
| ----- YEAR 2012 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.67                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.67                 |
| ----- YEAR 2013 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.70                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.70                 |
| ----- YEAR 2014 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2015 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.61                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.61                 |
| ----- YEAR 2016 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2017 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.59                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.59                 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 1 S02 (E) | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
|--------------------------|-----------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2018 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2019 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2020 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2021 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2022 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2023 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2024 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2025 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2026 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2027 -----    |           |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2028 -----    |           |                     |                     |                     |                     |                      |                      |                      |

1 A Input Summary.txt

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |

EFFLUENT  
THERMAL UNIT

1 S02 (E)

|          |          |          |         |         |         |         |
|----------|----------|----------|---------|---------|---------|---------|
| 189      | 190      | 191      | 193     | 194     | 195     | 196     |
| RP2TR_KP | T4_TRONA | T4_TRCCR | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 |
| 2        | 4        | 4        | 1       | 2       | 1       | 2       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |

EFFLUENT  
THERMAL UNIT

1 S02 (E)

|          |          |          |          |         |         |     |
|----------|----------|----------|----------|---------|---------|-----|
| 201      | 500      | 501      | 502      | 503     | 957     | 958 |
| DUMMY_OP | DUMMY_IM | DUMMY_AP | DUMMY_KP | RP2D_KP | RP2D_IM |     |
| 0        | 0        | 0        | 0        | 957     | 958     |     |

1 A Input Summary.txt

| YEAR | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA PROFILE |
|------|---------------------------|---------------------------|------------------------|
| 2011 | 0.00                      | 0.00                      | 0                      |
| 2012 | 0.00                      | 0.00                      | 0                      |
| 2013 | 0.00                      | 0.00                      | 0                      |
| 2014 | 0.00                      | 0.00                      | 0                      |
| 2015 | 0.00                      | 0.00                      | 0                      |
| 2016 | 0.00                      | 0.00                      | 0                      |
| 2017 | 0.00                      | 0.00                      | 0                      |
| 2018 | 0.00                      | 0.00                      | 0                      |
| 2019 | 0.00                      | 0.00                      | 0                      |
| 2020 | 0.00                      | 0.00                      | 0                      |
| 2021 | 0.00                      | 0.00                      | 0                      |
| 2022 | 0.00                      | 0.00                      | 0                      |
| 2023 | 0.00                      | 0.00                      | 0                      |
| 2024 | 0.00                      | 0.00                      | 0                      |
| 2025 | 0.00                      | 0.00                      | 0                      |
| 2026 | 0.00                      | 0.00                      | 0                      |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 1 S02 (E) | 201 | 500<br>DUMMY_OP | 501<br>DUMMY_IN | 502<br>DUMMY_AP | 503<br>DUMMY_KP | 957<br>RP2D_KP | 958<br>RP2D_IN |
|--------------------------|-----------|-----|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| 2027                     |           | 0   | 0               | 0               | 0               | 0               | 957            | 958            |
| 2028                     |           |     |                 |                 |                 |                 |                |                |
| 2029                     |           |     |                 |                 |                 |                 |                |                |
| 2030                     |           |     |                 |                 |                 |                 |                |                |
| 2031                     |           |     |                 |                 |                 |                 |                |                |
| 2032                     |           |     |                 |                 |                 |                 |                |                |
| 2033                     |           |     |                 |                 |                 |                 |                |                |
| 2034                     |           |     |                 |                 |                 |                 |                |                |
| 2035                     |           |     |                 |                 |                 |                 |                |                |
| 2036                     |           |     |                 |                 |                 |                 |                |                |
| 2037                     |           |     |                 |                 |                 |                 |                |                |
| 2038                     |           |     |                 |                 |                 |                 |                |                |
| 2039                     |           |     |                 |                 |                 |                 |                |                |
| 2040                     |           |     |                 |                 |                 |                 |                |                |

  

| EFFLUENT<br>THERMAL UNIT | 1 S02 (E) | 959<br>CSV6_SCR | 960<br>CSV5_SCR | 961<br>DUMMY_OP | 962<br>BS2_FGD | 963<br>DUMMY_KP | 964<br>RP1D_KP | 965<br>RP1D_O3 |
|--------------------------|-----------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|
| 2011                     |           | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00           | 0.00           |
| 2012                     |           | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00           | 0.00           |
| 2013                     |           | 0               | 0               | 0               | 0              | 0               | 0              | 0              |
| 2014                     |           |                 |                 |                 |                |                 |                |                |
| 2015                     |           |                 |                 |                 |                |                 |                |                |

1 A Input Summary.txt

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

1 SO2 (E)

| 966      | 967      | 968      | 969      | 970      | 971      | 972      |
|----------|----------|----------|----------|----------|----------|----------|
| CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP |
| 966      | 967      | 968      | 969      | 970      | 971      | 972      |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT     | 1 S02 (E) | 966      | 967      | 968      | 969      | 970      | 971      | 972      |
|--------------|-----------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT |           | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP |
|              |           | 966      | 967      | 968      | 969      | 970      | 971      | 972      |

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT     | 1 S02 (E) | 973      | 974      | 975      | 976      | 977      | 978      | 979      |
|--------------|-----------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT |           | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
|              |           | 973      | 974      | 975      | 976      | 977      | 978      | 979      |

|                           |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|
| ----- YEAR 2011 -----     |      |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

1 A Input Summary.txt

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 SO2 (E) | 980<br>DUMMY_OP<br>980 | 981<br>DUMMY_OP<br>981 | 982<br>DUMMY_OP<br>982 | 983<br>DUMMY_OP<br>983 | 984<br>DUMMY_OP<br>984 | 985<br>DUMMY_OP<br>985 | 986<br>DUMMY_OP<br>986 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 SO2 (E) | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| ----- YEAR 2012 -----     |           |                        |                        |                        |                        |                        |                        |                        |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

1 A Input Summary.txt  
QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 1 S02 (E) | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|--------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2013 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2014 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2015 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2016 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2017 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2018 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2019 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2020 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2021 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2022 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2023 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2024 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2025 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2026 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2027 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2028 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2029 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2030 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2031 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2032 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2033 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2034 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2035 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2036 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2037 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2038 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2039 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2040 -----    |           |                        |                        |                        |                        |                        |                        |                        |

| EFFLUENT<br>THERMAL UNIT  | 1 S02 (E) | 994<br>DUMMY_OP<br>994 | 995<br>DUMMY_OP<br>995 | 996<br>ML_KP20<br>996 | 997<br>ML_KP20<br>997 | 998<br>T4_TRONA<br>998 | 999<br>DUMMY_OP<br>999 |
|---------------------------|-----------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                       |                       |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                  | 0.00                  | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                  | 0.00                  | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                     | 0                     | 0                      | 0                      |
| ----- YEAR 2012 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2013 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2014 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2015 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2016 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2017 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2018 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2019 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2020 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2021 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2022 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2023 -----     |           |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2024 -----     |           |                        |                        |                       |                       |                        |                        |



1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 1      | 2       | 3        | 4        | 5        | 6        | 7 |
|---------------------------|------------|--------|---------|----------|----------|----------|----------|---|
|                           | AMOS       | AMOS   | AMOS_OP | BECKJORD | BIG SAND | BIG SAND | CARD 1+2 |   |
|                           | 1          | 2      | 3       | 6        | 1        | 2        | 1        |   |
| ----- YEAR 2011 -----     |            |        |         |          |          |          |          |   |
| EMISSIONS DATA AT MAXIMUM | 208.40     | 208.40 | 208.40  | 205.30   | 205.30   | 205.30   | 209.93   |   |
| EMISSIONS DATA AT MINIMUM | 208.40     | 208.40 | 208.40  | 205.30   | 205.30   | 205.30   | 209.93   |   |
| EMISSIONS DATA PROFILE    | 0          | 0      | 0       | 0        | 0        | 0        | 0        |   |
| ----- YEAR 2012 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2013 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2014 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2015 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2016 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2017 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2018 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2019 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2020 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2021 -----     |            |        |         |          |          |          |          |   |
| ----- YEAR 2022 -----     |            |        |         |          |          |          |          |   |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$) | 1    | 2       | 3        | 4        | 5        | 6        | 7 |
|--------------------------|------------|------|---------|----------|----------|----------|----------|---|
|                          | AMOS       | AMOS | AMOS_OP | BECKJORD | BIG SAND | BIG SAND | CARD 1+2 |   |
|                          | 1          | 2    | 3       | 6        | 1        | 2        | 1        |   |
| ----- YEAR 2023 -----    |            |      |         |          |          |          |          |   |
| ----- YEAR 2024 -----    |            |      |         |          |          |          |          |   |
| ----- YEAR 2025 -----    |            |      |         |          |          |          |          |   |
| ----- YEAR 2026 -----    |            |      |         |          |          |          |          |   |
| ----- YEAR 2027 -----    |            |      |         |          |          |          |          |   |
| ----- YEAR 2028 -----    |            |      |         |          |          |          |          |   |
| ----- YEAR 2029 -----    |            |      |         |          |          |          |          |   |
| ----- YEAR 2030 -----    |            |      |         |          |          |          |          |   |

1 A Input Summary.txt

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (S)<br>CARD 1+2<br>8<br>2 | CARD 3<br>9<br>3 | CLIFTY<br>10<br>1 | CLIFTY<br>11<br>2 | CLIFTY<br>12<br>3 | CLIFTY<br>13<br>4 | CLIFTY<br>14<br>5 |
|---------------------------|---------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ----- YEAR 2011 -----     |                                 |                  |                   |                   |                   |                   |                   |
| EMISSIONS DATA AT MAXIMUM | 209.93                          | 205.45           | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| EMISSIONS DATA AT MINIMUM | 209.93                          | 205.45           | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              |
| EMISSIONS DATA PROFILE    | 0                               | 0                | 0                 | 0                 | 0                 | 0                 | 0                 |

|                           |        |        |      |      |      |      |      |
|---------------------------|--------|--------|------|------|------|------|------|
| ----- YEAR 2012 -----     |        |        |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 209.93 | 209.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 209.93 | 209.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (S)<br>CLIFTY<br>15<br>6 | CLINCH R<br>16<br>1 | CLINCH R<br>17<br>2 | CLINCH R<br>18<br>3 | ROCKP_KP<br>19<br>1 | ROCKP_KP<br>20<br>2 | CSVL 1-4<br>21<br>3 |
|---------------------------|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 205.30              | 205.30              | 205.30              | 211.74              | 211.74              | 205.30              |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 205.30              | 205.30              | 205.30              | 211.74              | 211.74              | 205.30              |

## EMISSIONS DATA PROFILE

1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

2 CO2 (\$)

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| 15     | 16       | 17       | 18       | 19       | 20       | 21       |
| CLIFTY | CLINCH R | CLINCH R | CLINCH R | ROCKP_KP | ROCKP_KP | CSVL 1-4 |
| 6      | 1        | 2        | 3        | 1        | 2        | 3        |

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

2 CO2 (\$)

|          |          |          |          |          |       |       |
|----------|----------|----------|----------|----------|-------|-------|
| 22       | 23       | 24       | 25       | 26       | 27    | 28    |
| CSVL 1-4 | CSVL 5+6 | CSVL 5+6 | D C COOK | D C COOK | GAVIN | GAVIN |
| 4        | 5        | 6        | 1        | 2        | 1     | 2     |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 ----- YEAR 2013 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

|        |        |        |      |      |        |        |
|--------|--------|--------|------|------|--------|--------|
| 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 205.82 | 205.82 |
| 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 205.82 | 205.82 |
| 0      | 0      | 0      | 0    | 0    | 0      | 0      |
| 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 206.11 | 206.11 |
| 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 206.11 | 206.11 |
| 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 205.30 | 205.30 |
| 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 205.30 | 205.30 |

1 A Input Summary.txt

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

2 CO2 (S)

|          |          |        |        |        |         |         |
|----------|----------|--------|--------|--------|---------|---------|
| 29       | 30       | 33     | 34     | 35     | 36      | 37      |
| GLEN LYN | GLEN LYN | KAMMER | KAMMER | KAMMER | KANAWHA | KANAWHA |
| 5        | 6        | 1      | 2      | 3      | 1       | 2       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 205.30 | 205.30 | 208.26 | 208.26 | 208.26 | 205.30 | 205.30 |
| 205.30 | 205.30 | 208.26 | 208.26 | 208.26 | 205.30 | 205.30 |
| 0      | 0      | 0      | 0      | 0      | 0      | 0      |

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 | CO2 (\$) | 29       | 30       | 33     | 34     | 35     | 36      | 37      |
|--------------------------|---|----------|----------|----------|--------|--------|--------|---------|---------|
|                          |   |          | GLEN LYN | GLEN LYN | KAMMER | KAMMER | KAMMER | KANAUHA | KANAUHA |
|                          |   |          | 5        | 6        | 1      | 2      | 3      | 1       | 2       |

----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 2 | CO2 (\$) | 38    | 39    | 40    | 41    | 42    | 43       | 44       |
|--------------------------|---|----------|-------|-------|-------|-------|-------|----------|----------|
|                          |   |          | KYGER | KYGER | KYGER | KYGER | KYGER | MITCHELL | MITCHELL |
|                          |   |          | 1     | 2     | 3     | 4     | 5     | 1        | 2        |

| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 208.77 | 208.77 |
|---------------------------|------|------|------|------|------|------|--------|--------|
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 208.77 | 208.77 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0      |

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

1 A Input Summary.txt

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (S) | 45<br>MOUNT_ER<br>1 | 46<br>MUSK RVR<br>1 | 47<br>MUSK RVR<br>2 | 48<br>MUSK RVR<br>3 | 49<br>MUSK RVR<br>4 | 50<br>MUSK RVR<br>5 | 51<br>P SPORN<br>1 |
|---------------------------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| EMISSIONS DATA AT MAXIMUM |           | 208.38              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30             |
| EMISSIONS DATA AT MINIMUM |           | 208.38              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30             |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   | 0                  |
| ----- YEAR 2012 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| EMISSIONS DATA AT MAXIMUM |           | 209.88              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30             |
| EMISSIONS DATA AT MINIMUM |           | 209.88              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30             |
| ----- YEAR 2013 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| EMISSIONS DATA AT MAXIMUM |           | 208.38              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30             |
| EMISSIONS DATA AT MINIMUM |           | 208.38              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30              | 205.30             |
| ----- YEAR 2014 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2015 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2016 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2017 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2018 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2019 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2020 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2021 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2022 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2023 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2024 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2025 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2026 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2027 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2028 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2029 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2030 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2031 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2032 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2033 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2034 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2035 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2036 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2037 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2038 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2039 -----     |           |                     |                     |                     |                     |                     |                     |                    |
| ----- YEAR 2040 -----     |           |                     |                     |                     |                     |                     |                     |                    |

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (S) | 52<br>P SPORN<br>2 | 53<br>P SPORN<br>3 | 54<br>P SPORN<br>4 | 55<br>P SPORN<br>5 | 56<br>PICWAY<br>5 | 57<br>RPRET_IM<br>1 | 58<br>RPRUN_IM<br>1 |
|---------------------------|-----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |           |                    |                    |                    |                    |                   |                     |                     |
| EMISSIONS DATA AT MAXIMUM |           | 205.30             | 205.30             | 205.30             | 205.30             | 205.30            | 211.74              | 211.74              |
| EMISSIONS DATA AT MINIMUM |           | 205.30             | 205.30             | 205.30             | 205.30             | 205.30            | 211.74              | 211.74              |
| EMISSIONS DATA PROFILE    |           | 0                  | 0                  | 0                  | 0                  | 0                 | 0                   | 0                   |
| ----- YEAR 2012 -----     |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2013 -----     |           |                    |                    |                    |                    |                   |                     |                     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (S) | 52<br>P SPORN<br>2 | 53<br>P SPORN<br>3 | 54<br>P SPORN<br>4 | 55<br>P SPORN<br>5 | 56<br>PICWAY<br>5 | 57<br>RPRET_IM<br>1 | 58<br>RPRUN_IM<br>1 |
|--------------------------|-----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
| ----- YEAR 2014 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2015 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2016 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2017 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2018 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2019 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2020 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2021 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2022 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2023 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2024 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2025 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2026 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2027 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2028 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2029 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2030 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2031 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2032 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2033 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2034 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2035 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2036 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2037 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2038 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2039 -----    |           |                    |                    |                    |                    |                   |                     |                     |
| ----- YEAR 2040 -----    |           |                    |                    |                    |                    |                   |                     |                     |

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (S) | 59<br>ROCKP_IM<br>2 | 61<br>STUART<br>1 | 62<br>STUART<br>2 | 63<br>STUART<br>3 | 64<br>STUART<br>4 | 65<br>AMOS_AP<br>3 | 66<br>TAMN 1-3<br>1 |
|---------------------------|-----------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
| ----- YEAR 2011 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| EMISSIONS DATA AT MAXIMUM |           | 211.74              | 209.93            | 209.93            | 209.93            | 209.93            | 208.40             | 205.30              |
| EMISSIONS DATA AT MINIMUM |           | 211.74              | 209.93            | 209.93            | 209.93            | 209.93            | 208.40             | 205.30              |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                 | 0                 | 0                 | 0                 | 0                  | 0                   |
| ----- YEAR 2012 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2013 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2014 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2015 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2016 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2017 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2018 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2019 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2020 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2021 -----     |           |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2022 -----     |           |                     |                   |                   |                   |                   |                    |                     |

1 A Input Summary.txt

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$)          |                     |                   |                   |                     |                     |                     |
|---------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
|                           | TANN 1-3<br>67<br>2 | TANN 1-3<br>68<br>3 | TANN 4<br>69<br>4 | ZIMMER<br>70<br>1 | ROBTMONE<br>71<br>1 | ROBTMONE<br>72<br>2 | ROBTMONE<br>73<br>3 |
| ----- YEAR 2011 -----     |                     |                     |                   |                   |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 205.30              | 205.30              | 211.22            | 208.60            | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 205.30              | 205.30              | 211.22            | 208.60            | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| ----- YEAR 2012 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2013 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2014 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2015 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2016 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2017 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2018 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2019 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2020 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2021 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2022 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2023 -----     |                     |                     |                   |                   |                     |                     |                     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$)          |                     |                   |                   |                     |                     |                     |
|--------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
|                          | TANN 1-3<br>67<br>2 | TANN 1-3<br>68<br>3 | TANN 4<br>69<br>4 | ZIMMER<br>70<br>1 | ROBTMONE<br>71<br>1 | ROBTMONE<br>72<br>2 | ROBTMONE<br>73<br>3 |
| ----- YEAR 2024 -----    |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2025 -----    |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2026 -----    |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2027 -----    |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2028 -----    |                     |                     |                   |                   |                     |                     |                     |



1 A Input Summary.txt

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

2 CO2 (\$)

|        |        |        |        |        |        |        |       |
|--------|--------|--------|--------|--------|--------|--------|-------|
|        | 75     | 76     | 77     | 78     | 79     | 80     | 81    |
| CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY |
| 1      | 2      | 3      | 4      | 5      | 6      |        | 1     |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

2 CO2 (\$)

|       |       |       |       |       |          |          |
|-------|-------|-------|-------|-------|----------|----------|
| 82    | 83    | 84    | 85    | 86    | 87       | 88       |
| DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN | LWBG WIN |
| 2     | 3     | 4     | 5     | 6     | 1        | 2        |

----- YEAR 2011 -----

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

1 A Input Summary.txt  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
Strategist Page 322

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
THERMAL UNIT

2 CO2 (\$)  
82 83 84 85 86 87 88  
DARBY DARBY DARBY DARBY DARBY LWBG WIN LWBG WIN  
2 3 4 5 6 1 2

----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

2 CO2 (\$)  
89 90 91 92 93 94 96  
LWBG SMR LWBG SMR WATR CC WATR2 DRESDEM DRES2 CT\_APC0  
1 2 1 1 1 1 1

----- YEAR 2011 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----

0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

1 A Input Summary.txt

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

2 CO2 (\$)

| 97      | 98      | 99       | 100     | 101    | 102    | 103     |
|---------|---------|----------|---------|--------|--------|---------|
| CC_APC0 | IGCC AP | PC_UL_AP | Nuke_AP | CT_I&M | CC_I&M | IGCC IM |
| 1       | 1       | 1        | 1       | 1      | 1      | 1       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |        |        |      |      |      |        |
|------|--------|--------|------|------|------|--------|
| 0.00 | 205.30 | 205.30 | 0.00 | 0.00 | 0.00 | 205.30 |
| 0.00 | 205.30 | 205.30 | 0.00 | 0.00 | 0.00 | 205.30 |
| 0    | 0      | 0      | 0    | 0    | 0    | 0      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
 Strategist Page 323

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (S)            |                     |                     |                     |                     |                      |                     |
|---------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
|                           | 104<br>PC_UL_IM<br>1 | 105<br>NUKE_IM<br>1 | 106<br>CT_KPCO<br>1 | 107<br>CC_KPCO<br>1 | 108<br>IGCC KP<br>1 | 109<br>PC_UL_KP<br>1 | 110<br>NUKE_KP<br>1 |
| ----- YEAR 2011 -----     |                      |                     |                     |                     |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM | 205.30               | 0.00                | 0.00                | 0.00                | 205.30              | 205.30               | 0.00                |
| EMISSIONS DATA AT MINIMUM | 205.30               | 0.00                | 0.00                | 0.00                | 205.30              | 205.30               | 0.00                |
| EMISSIONS DATA PROFILE    | 0                    | 0                   | 0                   | 0                   | 0                   | 0                    | 0                   |
| ----- YEAR 2012 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2013 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2014 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2015 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2016 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2017 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2018 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2019 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2020 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2021 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2022 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2023 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2024 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2025 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2026 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2027 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2028 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2029 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2030 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2031 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2032 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2033 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2034 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2035 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2036 -----     |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2037 -----     |                      |                     |                     |                     |                     |                      |                     |

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 111<br>CT_OHIO<br>1 | 112<br>CC_OH<br>1 | 113<br>IGCC OH<br>1 | 114<br>PC_UL_OH<br>1 | 115<br>NUKE OH<br>1 | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1 |
|---------------------------|------------|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| ----- YEAR 2011 -----     |            |                     |                   |                     |                      |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM |            | 0.00                | 0.00              | 205.30              | 205.30               | 0.00                | 0.00                 | 0.00                |
| EMISSIONS DATA AT MINIMUM |            | 0.00                | 0.00              | 205.30              | 205.30               | 0.00                | 0.00                 | 0.00                |
| EMISSIONS DATA PROFILE    |            | 0                   | 0                 | 0                   | 0                    | 0                   | 0                    | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CR1_NGCC<br>1 |
|---------------------------|------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----     |            |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |            | 0.00                | 0.00                | 205.30               | 0.00                | 210.66               | 210.66               | 0.00                 |
| EMISSIONS DATA AT MINIMUM |            | 0.00                | 0.00                | 205.30               | 0.00                | 210.66               | 210.66               | 0.00                 |
| EMISSIONS DATA PROFILE    |            | 0                   | 0                   | 0                    | 0                   | 0                    | 0                    | 0                    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----

----- YEAR 2019 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
Strategist Page 324

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$) | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CR1_NGCC<br>1 |
|--------------------------|------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
|--------------------------|------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$) | 130<br>CR2_NGCC<br>2 | 131<br>MR5_NGCC<br>5 | 132<br>MR5_FGD<br>5 | 133<br>RP1D_IM<br>1 | 134<br>RP2D_IM<br>2 | 135<br>TAN4_FGD<br>4 | 136<br>RP1D_KP<br>1 |
|--------------------------|------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
|--------------------------|------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|

----- YEAR 2011 -----

|                           |      |      |        |        |        |        |        |
|---------------------------|------|------|--------|--------|--------|--------|--------|
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 205.30 | 212.58 | 212.58 | 212.03 | 212.58 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 205.30 | 212.58 | 212.58 | 212.03 | 212.58 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0      | 0      | 0      | 0      | 0      |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

1 A Input Summary.txt

----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
|---------------------------|------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| EMISSIONS DATA AT MAXIMUM |            | 212.58              | 211.22              | 177.79              | 212.58              | 211.74               | 211.74               | 211.74               |
| EMISSIONS DATA AT MINIMUM |            | 212.58              | 211.22              | 177.79              | 212.58              | 211.74               | 211.74               | 211.74               |
| EMISSIONS DATA PROFILE    |            | 0                   | 0                   | 0                   | 0                   | 0                    | 0                    | 0                    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
 Strategist Page 325

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$) | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
|--------------------------|------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2030 -----    |            |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2031 -----    |            |                     |                     |                     |                     |                      |                      |                      |

1 A Input Summary.txt

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 189<br>RP2TR_KP<br>2 | 190<br>T4_TRONA<br>4 | 191<br>T4_TRCCR<br>4 | 193<br>ML_KP20<br>1 | 194<br>ML_KP20<br>2 | 195<br>ML_KP50<br>1 | 196<br>ML_KP50<br>2 |
|---------------------------|------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |            |                      |                      |                      |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM |            | 211.74               | 211.22               | 211.22               | 208.77              | 208.77              | 208.77              | 208.77              |
| EMISSIONS DATA AT MINIMUM |            | 211.74               | 211.22               | 211.22               | 208.77              | 208.77              | 208.77              | 208.77              |
| EMISSIONS DATA PROFILE    |            | 0                    | 0                    | 0                    | 0                   | 0                   | 0                   | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 201  | 500<br>DUMMY_OP<br>0 | 501<br>DUMMY_IM<br>0 | 502<br>DUMMY_AP<br>0 | 503<br>DUMMY_KP<br>0 | 957<br>RP2D_KP<br>957 | 958<br>RP2D_IM<br>958 |
|---------------------------|------------|------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| ----- YEAR 2011 -----     |            |      |                      |                      |                      |                      |                       |                       |
| EMISSIONS DATA AT MAXIMUM |            | 0.00 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 212.58                | 212.58                |
| EMISSIONS DATA AT MINIMUM |            | 0.00 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 212.58                | 212.58                |
| EMISSIONS DATA PROFILE    |            | 0    | 0                    | 0                    | 0                    | 0                    | 0                     | 0                     |

----- YEAR 2012 -----



----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 201    | 500<br>DUMMY_OP | 501<br>DUMMY_IM | 502<br>DUMMY_AP | 503<br>DUMMY_KP | 957<br>RP2D_KP | 958<br>RP2D_IM |
|---------------------------|------------|--------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
|                           |            | 0      | 0               | 0               | 0               | 0               | 957            | 958            |
| ----- YEAR 2040 -----     |            |        |                 |                 |                 |                 |                |                |
| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 959    | 960             | 961             | 962             | 963             | 964            | 965            |
|                           | CSV6_SCR   | 959    | 960             | DUMMY_OP        | BS2_FGD         | DUMMY_KP        | RP1D_KP        | RP1D_03        |
|                           |            |        | 961             | 962             | 963             | 964             | 965            |                |
| ----- YEAR 2011 -----     |            |        |                 |                 |                 |                 |                |                |
| EMISSIONS DATA AT MAXIMUM |            | 210.66 | 210.66          | 0.00            | 205.30          | 0.00            | 212.58         | 212.58         |
| EMISSIONS DATA AT MINIMUM |            | 210.66 | 210.66          | 0.00            | 205.30          | 0.00            | 212.58         | 212.58         |
| EMISSIONS DATA PROFILE    |            | 0      | 0               | 0               | 0               | 0               | 0              | 0              |
| ----- YEAR 2012 -----     |            |        |                 |                 |                 |                 |                |                |
| ----- YEAR 2013 -----     |            |        |                 |                 |                 |                 |                |                |
| ----- YEAR 2014 -----     |            |        |                 |                 |                 |                 |                |                |
| ----- YEAR 2015 -----     |            |        |                 |                 |                 |                 |                |                |
| ----- YEAR 2016 -----     |            |        |                 |                 |                 |                 |                |                |
| ----- YEAR 2017 -----     |            |        |                 |                 |                 |                 |                |                |
| ----- YEAR 2018 -----     |            |        |                 |                 |                 |                 |                |                |
| ----- YEAR 2019 -----     |            |        |                 |                 |                 |                 |                |                |

1 A Input Summary.txt

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

2 CO2 (\$)

| 966      | 967      | 968      | 969      | 970      | 971      | 972      |
|----------|----------|----------|----------|----------|----------|----------|
| CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP |
| 966      | 967      | 968      | 969      | 970      | 971      | 972      |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----

|      |      |      |        |        |      |      |
|------|------|------|--------|--------|------|------|
| 0.00 | 0.00 | 0.00 | 211.74 | 211.74 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 211.74 | 211.74 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0      | 0      | 0    | 0    |

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$) | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2011 -----

|                           |  |      |      |      |      |      |      |      |
|---------------------------|--|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM |  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM |  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    |  | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$) | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|                           |            | 1 A Input Summary.txt |          |          |          |          |          |          |
|---------------------------|------------|-----------------------|----------|----------|----------|----------|----------|----------|
| EFFLUENT                  | 2 CO2 (\$) | 980                   | 981      | 982      | 983      | 984      | 985      | 986      |
| THERMAL UNIT              |            | DUMMY_OP              | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
|                           |            | 980                   | 981      | 982      | 983      | 984      | 985      | 986      |
| ----- YEAR 2011 -----     |            |                       |          |          |          |          |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.00       | 0.00                  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| EMISSIONS DATA AT MINIMUM | 0.00       | 0.00                  | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| EMISSIONS DATA PROFILE    | 0          | 0                     | 0        | 0        | 0        | 0        | 0        | 0        |
| ----- YEAR 2012 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2013 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2014 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2015 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2016 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2017 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2018 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2019 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2020 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2021 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2022 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2023 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2024 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2025 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2026 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2027 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2028 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2029 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2030 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2031 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2032 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2033 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2034 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2035 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2036 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2037 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2038 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2039 -----     |            |                       |          |          |          |          |          |          |
| ----- YEAR 2040 -----     |            |                       |          |          |          |          |          |          |

  

|                           |      | 2 CO2 (\$) |          |          |          |          |          |          |
|---------------------------|------|------------|----------|----------|----------|----------|----------|----------|
| EFFLUENT                  |      | 987        | 988      | 989      | 990      | 991      | 992      | 993      |
| THERMAL UNIT              |      | DUMMY_OP   | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
|                           |      | 987        | 988      | 989      | 990      | 991      | 992      | 993      |
| ----- YEAR 2011 -----     |      |            |          |          |          |          |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00       | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00       | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |
| EMISSIONS DATA PROFILE    | 0    | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| ----- YEAR 2012 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2013 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2014 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2015 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2016 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2017 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2018 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2019 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2020 -----     |      |            |          |          |          |          |          |          |
| ----- YEAR 2021 -----     |      |            |          |          |          |          |          |          |

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 2 CO2 (\$) | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2026 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2027 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2028 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2029 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2030 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2031 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2032 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2033 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2034 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2035 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2036 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2037 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2038 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2039 -----    |            |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2040 -----    |            |                        |                        |                        |                        |                        |                        |                        |

| EFFLUENT<br>THERMAL UNIT  | 2 CO2 (\$) | 994<br>DUMMY_OP<br>994 | 995<br>DUMMY_OP<br>995 | 996<br>ML_KP20<br>996 | 997<br>ML_KP20<br>997 | 998<br>T4_TRONA<br>998 | 999<br>DUMMY_OP<br>999 |
|---------------------------|------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |            |                        |                        |                       |                       |                        |                        |
| EMISSIONS DATA AT MAXIMUM |            | 0.00                   | 0.00                   | 208.77                | 208.77                | 211.22                 | 0.00                   |
| EMISSIONS DATA AT MINIMUM |            | 0.00                   | 0.00                   | 208.77                | 208.77                | 211.22                 | 0.00                   |
| EMISSIONS DATA PROFILE    |            | 0                      | 0                      | 0                     | 0                     | 0                      | 0                      |
| ----- YEAR 2012 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2013 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2014 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2015 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2016 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2017 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2018 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2019 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2020 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2021 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2022 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2023 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2024 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2025 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2026 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2027 -----     |            |                        |                        |                       |                       |                        |                        |
| ----- YEAR 2028 -----     |            |                        |                        |                       |                       |                        |                        |

1 A Input Summary.txt

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 1    | 2       | 3        | 4        | 5        | 6    | 7    |
|---------------------------|-----------|------|---------|----------|----------|----------|------|------|
|                           | AMOS      | AMOS | AMOS_OP | BECKJORD | BIG SAND | BIG SAND | CARD | 1+2  |
|                           | 1         | 2    | 3       | 6        | 1        | 2        | 1    | 1    |
| ----- YEAR 2011 -----     |           |      |         |          |          |          |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00 | 0.00    | 0.00     | 0.00     | 0.00     | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00 | 0.00    | 0.00     | 0.00     | 0.00     | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0         | 0    | 0       | 0        | 0        | 0        | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 1    | 2       | 3        | 4        | 5        | 6    | 7   |
|--------------------------|-----------|------|---------|----------|----------|----------|------|-----|
|                          | AMOS      | AMOS | AMOS_OP | BECKJORD | BIG SAND | BIG SAND | CARD | 1+2 |

1 A Input Summary.txt

|                       |   |   |   |   |   |   |   |
|-----------------------|---|---|---|---|---|---|---|
|                       | 1 | 2 | 3 | 6 | 1 | 2 | 1 |
| ----- YEAR 2036 ----- |   |   |   |   |   |   |   |
| ----- YEAR 2037 ----- |   |   |   |   |   |   |   |
| ----- YEAR 2038 ----- |   |   |   |   |   |   |   |
| ----- YEAR 2039 ----- |   |   |   |   |   |   |   |
| ----- YEAR 2040 ----- |   |   |   |   |   |   |   |

|                           |           |        |        |        |        |        |        |        |
|---------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|
| EFFLUENT                  | 3 CO2 (G) | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
| THERMAL UNIT              |           |        |        |        |        |        |        |        |
|                           | CARD 1+2  | CARD 3 | CLIFTY | CLIFTY | CLIFTY | CLIFTY | CLIFTY | CLIFTY |
|                           | 2         | 3      | 1      | 2      | 3      | 4      | 5      |        |
| ----- YEAR 2011 -----     |           |        |        |        |        |        |        |        |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| EMISSIONS DATA PROFILE    | 0         | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|                           |           |          |          |          |          |          |          |      |
|---------------------------|-----------|----------|----------|----------|----------|----------|----------|------|
| EFFLUENT                  | 3 CO2 (G) | 15       | 16       | 17       | 18       | 19       | 20       | 21   |
| THERMAL UNIT              |           |          |          |          |          |          |          |      |
|                           | CLIFTY    | CLINCH R | CLINCH R | CLINCH R | ROCKP_KP | ROCKP_KP | CSVL 1-4 |      |
|                           | 6         | 1        | 2        | 3        | 1        | 2        | 3        |      |
| ----- YEAR 2011 -----     |           |          |          |          |          |          |          |      |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00 |
| EMISSIONS DATA PROFILE    | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0    |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 22<br>CSVL 1-4<br>4 | 23<br>CSVL 5+6<br>5 | 24<br>CSVL 5+6<br>6 | 25<br>D C COOK<br>1 | 26<br>D C COOK<br>2 | 27<br>GAVIN<br>1 | 28<br>GAVIN<br>2 |
|---------------------------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                     |                     |                     |                  |                  |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00             | 0.00             |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                | 0.00             | 0.00             |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                   | 0                   | 0                   | 0                | 0                |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 22<br>CSVL 1-4<br>4 | 23<br>CSVL 5+6<br>5 | 24<br>CSVL 5+6<br>6 | 25<br>D C COOK<br>1 | 26<br>D C COOK<br>2 | 27<br>GAVIN<br>1 | 28<br>GAVIN<br>2 |
|--------------------------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|
| ----- YEAR 2012 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2013 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2014 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2015 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2016 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2017 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2018 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2019 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2020 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2021 -----    |           |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2022 -----    |           |                     |                     |                     |                     |                     |                  |                  |



1 A Input Summary.txt

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
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 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
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 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G)     |               |             |             |             |              |              |
|---------------------------|---------------|---------------|-------------|-------------|-------------|--------------|--------------|
|                           | 29            | 30            | 33          | 34          | 35          | 36           | 37           |
|                           | GLEN LYN<br>5 | GLEN LYN<br>6 | KAMMER<br>1 | KAMMER<br>2 | KAMMER<br>3 | KANAWHA<br>1 | KANAWHA<br>2 |
| ----- YEAR 2011 -----     |               |               |             |             |             |              |              |
| EMISSIONS DATA AT MAXIMUM | 0.00          | 0.00          | 0.00        | 0.00        | 0.00        | 0.00         | 0.00         |
| EMISSIONS DATA AT MINIMUM | 0.00          | 0.00          | 0.00        | 0.00        | 0.00        | 0.00         | 0.00         |
| EMISSIONS DATA PROFILE    | 0             | 0             | 0           | 0           | 0           | 0            | 0            |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
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 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 38<br>KYGER<br>1 | 39<br>KYGER<br>2 | 40<br>KYGER<br>3 | 41<br>KYGER<br>4 | 42<br>KYGER<br>5 | 43<br>MITCHELL<br>1 | 44<br>MITCHELL<br>2 |
|---------------------------|-----------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM |           | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                | 0                | 0                | 0                | 0                | 0                   | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 38<br>KYGER<br>1 | 39<br>KYGER<br>2 | 40<br>KYGER<br>3 | 41<br>KYGER<br>4 | 42<br>KYGER<br>5 | 43<br>MITCHELL<br>1 | 44<br>MITCHELL<br>2 |
|--------------------------|-----------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|
|--------------------------|-----------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 45<br>MOUNT_ER<br>1 | 46<br>MUSK RVR<br>1 | 47<br>MUSK RVR<br>2 | 48<br>MUSK RVR<br>3 | 49<br>MUSK RVR<br>4 | 50<br>MUSK RVR<br>5 | 51<br>P SPORN<br>1 |
|--------------------------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
|--------------------------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|

----- YEAR 2011 -----

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

1 A Input Summary.txt  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

3 CO2 (G) 52 53 54 55 56 57 58  
P SPORN P SPORN P SPORN P SPORN PICWAY RPRET\_IM RPRUN\_IM  
2 3 4 5 5 1 1

----- YEAR 2011 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----

0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 52<br>P SPORN<br>2 | 53<br>P SPORN<br>3 | 54<br>P SPORN<br>4 | 55<br>P SPORN<br>5 | 56<br>PICWAY<br>5 | 57<br>RPRET_IM<br>1 | 58<br>RPRUN_IM<br>1 |
|--------------------------|-----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
|--------------------------|-----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 59<br>ROCKP_IM<br>2 | 61<br>STUART<br>1 | 62<br>STUART<br>2 | 63<br>STUART<br>3 | 64<br>STUART<br>4 | 65<br>AMOS_AP<br>3 | 66<br>TANN 1-3<br>1 |
|--------------------------|-----------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
|--------------------------|-----------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|

|                           |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|
| ----- YEAR 2011 -----     |      |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

1 A Input Summary.txt

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G)           |                     |                   |                   |                     |                     |                     |
|---------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
|                           | 67<br>TANN 1-3<br>2 | 68<br>TANN 1-3<br>3 | 69<br>TANN 4<br>4 | 70<br>ZIMMER<br>1 | 71<br>ROBTHONE<br>1 | 72<br>ROBTHONE<br>2 | 73<br>ROBTHONE<br>3 |
| ----- YEAR 2011 -----     |                     |                     |                   |                   |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                | 0.00                | 0.00              | 0.00              | 118.85              | 118.85              | 118.85              |
| EMISSIONS DATA AT MINIMUM | 0.00                | 0.00                | 0.00              | 0.00              | 118.85              | 118.85              | 118.85              |
| EMISSIONS DATA PROFILE    | 0                   | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| ----- YEAR 2012 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2013 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2014 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2015 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2016 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2017 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2018 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2019 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2020 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2021 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2022 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2023 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2024 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2025 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2026 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2027 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2028 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2029 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2030 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2031 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2032 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2033 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2034 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2035 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2036 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2037 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2038 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2039 -----     |                     |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2040 -----     |                     |                     |                   |                   |                     |                     |                     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

1 A Input Summary.txt

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 75<br>CEREDO<br>1 | 76<br>CEREDO<br>2 | 77<br>CEREDO<br>3 | 78<br>CEREDO<br>4 | 79<br>CEREDO<br>5 | 80<br>CEREDO<br>6 | 81<br>DARBY<br>1 |
|---------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| ----- YEAR 2011 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| EMISSIONS DATA AT MAXIMUM |           | 118.85            | 118.85            | 118.85            | 118.85            | 118.85            | 118.85            | 118.85           |
| EMISSIONS DATA AT MINIMUM |           | 118.85            | 118.85            | 118.85            | 118.85            | 118.85            | 118.85            | 118.85           |
| EMISSIONS DATA PROFILE    |           | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                |
| ----- YEAR 2012 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2013 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2014 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2015 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2016 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2017 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2018 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2019 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2020 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2021 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2022 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2023 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2024 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2025 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2026 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2027 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2028 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2029 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2030 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2031 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2032 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2033 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2034 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2035 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2036 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2037 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2038 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2039 -----     |           |                   |                   |                   |                   |                   |                   |                  |
| ----- YEAR 2040 -----     |           |                   |                   |                   |                   |                   |                   |                  |

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 82<br>DARBY<br>2 | 83<br>DARBY<br>3 | 84<br>DARBY<br>4 | 85<br>DARBY<br>5 | 86<br>DARBY<br>6 | 87<br>LWBG WIN<br>1 | 88<br>LWBG WIN<br>2 |
|---------------------------|-----------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM |           | 118.85           | 118.85           | 118.85           | 118.85           | 118.85           | 118.85              | 118.85              |
| EMISSIONS DATA AT MINIMUM |           | 118.85           | 118.85           | 118.85           | 118.85           | 118.85           | 118.85              | 118.85              |
| EMISSIONS DATA PROFILE    |           | 0                | 0                | 0                | 0                | 0                | 0                   | 0                   |
| ----- YEAR 2012 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2013 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2014 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2015 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2016 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2017 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2018 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2019 -----     |           |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2020 -----     |           |                  |                  |                  |                  |                  |                     |                     |

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 89<br>LWBG SMR | 90<br>LWBG SMR | 91<br>WATR CC | 92<br>WATR2 | 93<br>DRESDEN | 94<br>DRESD2 | 96<br>CT_APC0 |
|---------------------------|-----------|----------------|----------------|---------------|-------------|---------------|--------------|---------------|
|                           |           | 1              | 2              | 1             | 1           | 1             | 1            | 1             |
| ----- YEAR 2011 -----     |           |                |                |               |             |               |              |               |
| EMISSIONS DATA AT MAXIMUM |           | 116.00         | 116.00         | 118.85        | 116.00      | 116.00        | 116.00       | 116.00        |
| EMISSIONS DATA AT MINIMUM |           | 116.00         | 116.00         | 118.85        | 116.00      | 116.00        | 116.00       | 116.00        |
| EMISSIONS DATA PROFILE    |           | 0              | 0              | 0             | 0           | 0             | 0            | 0             |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 89<br>LWBG SMR | 90<br>LWBG SMR | 91<br>WATR CC | 92<br>WATR2 | 93<br>DRESDEN | 94<br>DRESD2 | 96<br>CT_APC0 |
|--------------------------|-----------|----------------|----------------|---------------|-------------|---------------|--------------|---------------|
|                          |           | 1              | 2              | 1             | 1           | 1             | 1            | 1             |
| ----- YEAR 2020 -----    |           |                |                |               |             |               |              |               |
| ----- YEAR 2021 -----    |           |                |                |               |             |               |              |               |
| ----- YEAR 2022 -----    |           |                |                |               |             |               |              |               |
| ----- YEAR 2023 -----    |           |                |                |               |             |               |              |               |
| ----- YEAR 2024 -----    |           |                |                |               |             |               |              |               |
| ----- YEAR 2025 -----    |           |                |                |               |             |               |              |               |
| ----- YEAR 2026 -----    |           |                |                |               |             |               |              |               |
| ----- YEAR 2027 -----    |           |                |                |               |             |               |              |               |

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 97<br>CC_APCO<br>1 | 98<br>IGCC AP<br>1 | 99<br>PC_UL_AP<br>1 | 100<br>Nuke_AP<br>1 | 101<br>CT_I&M<br>1 | 102<br>CC_I&M<br>1 | 103<br>IGCC IM<br>1 |
|---------------------------|-----------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|
| ----- YEAR 2011 -----     |           |                    |                    |                     |                     |                    |                    |                     |
| EMISSIONS DATA AT MAXIMUM |           | 116.00             | 0.00               | 0.00                | 0.00                | 116.00             | 116.00             | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 116.00             | 0.00               | 0.00                | 0.00                | 116.00             | 116.00             | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                  | 0                  | 0                   | 0                   | 0                  | 0                  | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 104<br>PC_UL_IM | 105<br>NUKE_IM | 106<br>CT_KPCO | 107<br>CC_KPCO | 108<br>IGCC KP | 109<br>PC_UL_KP | 110<br>NUKE_KP |
|--------------------------|-----------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
|--------------------------|-----------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|



|                           |                       |      |        |        |      |      |      |
|---------------------------|-----------------------|------|--------|--------|------|------|------|
|                           | 1 A Input Summary.txt |      |        |        |      |      |      |
|                           | 1                     | 1    | 1      | 1      | 1    | 1    | 1    |
| ----- YEAR 2011 -----     |                       |      |        |        |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00                  | 0.00 | 116.00 | 116.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00                  | 0.00 | 116.00 | 116.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0                     | 0    | 0      | 0      | 0    | 0    | 0    |
| ----- YEAR 2012 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2013 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2014 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2015 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2016 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2017 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2018 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2019 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2020 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2021 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2022 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2023 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2024 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2025 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2026 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2027 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2028 -----     |                       |      |        |        |      |      |      |
| ----- YEAR 2029 -----     |                       |      |        |        |      |      |      |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |           |         |         |          |         |          |         |
|---------------------------|-----------|---------|---------|----------|---------|----------|---------|
| EFFLUENT                  | 3 CO2 (G) |         |         |          |         |          |         |
| THERMAL UNIT              | 104       | 105     | 106     | 107      | 108     | 109      | 110     |
|                           | PC_UL_IM  | NUKE_IM | CT_KPCO | CC_KPCO  | IGCC_KP | PC_UL_KP | NUKE_KP |
|                           | 1         | 1       | 1       | 1        | 1       | 1        | 1       |
| ----- YEAR 2030 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2031 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2032 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2033 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2034 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2035 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2036 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2037 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2038 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2039 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2040 -----     |           |         |         |          |         |          |         |
| EFFLUENT                  | 3 CO2 (G) |         |         |          |         |          |         |
| THERMAL UNIT              | 111       | 112     | 113     | 114      | 115     | 116      | 118     |
|                           | CT_OHIO   | CC_OH   | IGCC_OH | PC_UL_OH | NUKE_OH | CC_FA_KP | BS1_Gas |
|                           | 1         | 1       | 1       | 1        | 1       | 1        | 1       |
| ----- YEAR 2011 -----     |           |         |         |          |         |          |         |
| EMISSIONS DATA AT MAXIMUM | 116.00    | 116.00  | 0.00    | 0.00     | 0.00    | 116.00   | 116.00  |
| EMISSIONS DATA AT MINIMUM | 116.00    | 116.00  | 0.00    | 0.00     | 0.00    | 116.00   | 116.00  |
| EMISSIONS DATA PROFILE    | 0         | 0       | 0       | 0        | 0       | 0        | 0       |
| ----- YEAR 2012 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2013 -----     |           |         |         |          |         |          |         |
| ----- YEAR 2014 -----     |           |         |         |          |         |          |         |

1 A Input Summary.txt

----- YEAR 2015 -----  
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 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

3 CO2 (G)

| 119     | 120     | 121     | 122     | 126      | 127      | 129      |
|---------|---------|---------|---------|----------|----------|----------|
| BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CR1_NGCC |
| 1       | 1       | 23      | 1       | 5        | 6        | 1        |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2020 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----

|        |        |      |        |      |      |        |
|--------|--------|------|--------|------|------|--------|
| 116.00 | 116.00 | 0.00 | 116.00 | 0.00 | 0.00 | 116.00 |
| 116.00 | 116.00 | 0.00 | 116.00 | 0.00 | 0.00 | 116.00 |
| 0      | 0      | 0    | 0      | 0    | 0    | 0      |

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CR1_NGCC<br>1 |
|--------------------------|-----------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
|--------------------------|-----------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|

----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 130<br>CR2_NGCC<br>2 | 131<br>MR5_NGCC<br>5 | 132<br>MR5_FGD<br>5 | 133<br>RP1D_IM<br>1 | 134<br>RP2D_IM<br>2 | 135<br>TAN4_FGD<br>4 | 136<br>RP1D_KP<br>1 |
|--------------------------|-----------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
|--------------------------|-----------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|

| EMISSIONS DATA AT MAXIMUM | 116.00 | 116.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|---------------------------|--------|--------|------|------|------|------|------|
| EMISSIONS DATA AT MINIMUM | 116.00 | 116.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0      | 0      | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2011 -----  
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 ----- YEAR 2030 -----  
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 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

1 A Input Summary.txt

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
|---------------------------|-----------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                   | 0                   | 0                    | 0                    | 0                    |

----- YEAR 2012 -----  
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 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 189<br>RP2TR_KP<br>2 | 190<br>T4_TRONA<br>4 | 191<br>T4_TRCCR<br>4 | 193<br>ML_KP20<br>1 | 194<br>ML_KP20<br>2 | 195<br>ML_KP50<br>1 | 196<br>ML_KP50<br>2 |
|---------------------------|-----------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |           |                      |                      |                      |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 0.00                 | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                    | 0                    | 0                    | 0                   | 0                   | 0                   | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 189<br>RP2TR_KP<br>2 | 190<br>T4_TRONA<br>4 | 191<br>T4_TRCCR<br>4 | 193<br>ML_KP20<br>1  | 194<br>ML_KP20<br>2  | 195<br>ML_KP50<br>1   | 196<br>ML_KP50<br>2   |
|---------------------------|-----------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| ----- YEAR 2016 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2017 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2018 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2019 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2020 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2021 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2022 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2023 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2024 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2025 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2026 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2027 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2028 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2029 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2030 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2031 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2032 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2033 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2034 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2035 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2036 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2037 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2038 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2039 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2040 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 201<br>0             | 500<br>DUMMY_OP<br>0 | 501<br>DUMMY_IM<br>0 | 502<br>DUMMY_AP<br>0 | 503<br>DUMMY_KP<br>0 | 957<br>RP2D_KP<br>957 | 958<br>RP2D_IM<br>958 |
| ----- YEAR 2011 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  | 0.00                  |
| EMISSIONS DATA AT MINIMUM |           | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                  | 0.00                  |
| EMISSIONS DATA PROFILE    |           | 0                    | 0                    | 0                    | 0                    | 0                    | 0                     | 0                     |
| ----- YEAR 2012 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2013 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2014 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2015 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2016 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2017 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2018 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2019 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2020 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2021 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2022 -----     |           |                      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2023 -----     |           |                      |                      |                      |                      |                      |                       |                       |

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 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 959<br>CSV6_SCR | 960<br>CSV5_SCR | 961<br>DUMMY_OP | 962<br>BS2_FGD | 963<br>DUMMY_KP | 964<br>RP1D_KP | 965<br>RP1D_03 |
|---------------------------|-----------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|
| ----- YEAR 2011 -----     |           |                 |                 |                 |                |                 |                |                |
| EMISSIONS DATA AT MAXIMUM |           | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00           | 0.00           |
| EMISSIONS DATA AT MINIMUM |           | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00           | 0.00           |
| EMISSIONS DATA PROFILE    |           | 0               | 0               | 0               | 0              | 0               | 0              | 0              |

----- YEAR 2012 -----  
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 3 CO2 (G) | 959<br>CSV6_SCR | 960<br>CSV5_SCR | 961<br>DUMMY_OP | 962<br>BS2_FGD | 963<br>DUMMY_KP | 964<br>RP1D_KP | 965<br>RP1D_03 |
|--------------------------|-----------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|
| ----- YEAR 2026 -----    |           |                 |                 |                 |                |                 |                |                |
| ----- YEAR 2027 -----    |           |                 |                 |                 |                |                 |                |                |
| ----- YEAR 2028 -----    |           |                 |                 |                 |                |                 |                |                |
| ----- YEAR 2029 -----    |           |                 |                 |                 |                |                 |                |                |
| ----- YEAR 2030 -----    |           |                 |                 |                 |                |                 |                |                |

1 A Input Summary.txt

----- YEAR 2031 -----  
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 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 966<br>CR2_NGCC<br>966 | 967<br>CR1_NGCC<br>967 | 968<br>MR5_NGCC<br>968 | 969<br>RP2TR_KP<br>969 | 970<br>RP2TR_IM<br>970 | 971<br>DUMMY_OP<br>971 | 972<br>DUMMY_OP<br>972 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 116.00                 | 116.00                 | 116.00                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 116.00                 | 116.00                 | 116.00                 | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

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 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2036 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2037 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2038 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2039 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2040 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 980<br>DUMMY_OP<br>980 | 981<br>DUMMY_OP<br>981 | 982<br>DUMMY_OP<br>982 | 983<br>DUMMY_OP<br>983 | 984<br>DUMMY_OP<br>984 | 985<br>DUMMY_OP<br>985 | 986<br>DUMMY_OP<br>986 |
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| ----- YEAR 2012 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2013 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2014 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2015 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2016 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2017 -----     |           |                        |                        |                        |                        |                        |                        |                        |



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| EFFLUENT<br>THERMAL UNIT  | 3 CO2 (G) | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    | 0         | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| ----- YEAR 2012 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2013 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2014 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2015 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2016 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2017 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2018 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2019 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2020 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2021 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2022 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2023 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2024 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2025 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2026 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2027 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2028 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2029 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2030 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2031 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2032 -----     |           |                        |                        |                        |                        |                        |                        |                        |

1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |           |          |          |         |         |          |          |
|--------------|-----------|----------|----------|---------|---------|----------|----------|
| EFFLUENT     | 3 CO2 (G) | 994      | 995      | 996     | 997     | 998      | 999      |
| THERMAL UNIT |           | DUMMY_OP | DUMMY_OP | ML_KP20 | ML_KP20 | T4_TROMA | DUMMY_OP |
|              |           | 994      | 995      | 996     | 997     | 998      | 999      |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |           |          |          |         |         |          |          |
|--------------|-----------|----------|----------|---------|---------|----------|----------|
| EFFLUENT     | 3 CO2 (G) | 994      | 995      | 996     | 997     | 998      | 999      |
| THERMAL UNIT |           | DUMMY_OP | DUMMY_OP | ML_KP20 | ML_KP20 | T4_TROMA | DUMMY_OP |
|              |           | 994      | 995      | 996     | 997     | 998      | 999      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

1 A Input Summary.txt

----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) |           |              |               |               |               |               |
|---------------------------|-----------|-----------|--------------|---------------|---------------|---------------|---------------|
|                           | 1<br>AMOS | 2<br>AMOS | 3<br>AMOS_OP | 4<br>BECKJORD | 5<br>BIG SAND | 6<br>BIG SAND | 7<br>CARD 1+2 |
|                           | 1         | 2         | 3            | 6             | 1             | 2             | 1             |
| ----- YEAR 2011 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.21          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.21          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA PROFILE    | 53        | 54        | 3            | 0             | 5             | 7             | 8             |
| ----- YEAR 2012 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.31          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.31          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2013 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.26          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.26          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2014 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.16          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.16          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2015 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.10          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.10          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2016 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.08          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.08          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2017 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.09          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.09          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2018 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.09          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.09          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2019 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.08          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.08          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2020 -----     |           |           |              |               |               |               |               |
| EMISSIONS DATA AT MAXIMUM | 0.48      | 0.47      | 0.67         | 3.08          | 2.76          | 0.45          | 0.48          |
| EMISSIONS DATA AT MINIMUM | 0.48      | 0.47      | 0.67         | 3.08          | 2.76          | 0.45          | 0.48          |
| ----- YEAR 2021 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2022 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2023 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2024 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2025 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2026 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2027 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2028 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2029 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2030 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2031 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2032 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2033 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2034 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2035 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2036 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2037 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2038 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2039 -----     |           |           |              |               |               |               |               |
| ----- YEAR 2040 -----     |           |           |              |               |               |               |               |

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B)     |             |              |              |              |              |              |
|---------------------------|---------------|-------------|--------------|--------------|--------------|--------------|--------------|
|                           | 8<br>CARD 1+2 | 9<br>CARD 3 | 10<br>CLIFTY | 11<br>CLIFTY | 12<br>CLIFTY | 13<br>CLIFTY | 14<br>CLIFTY |
|                           | 2             | 3           | 1            | 2            | 3            | 4            | 5            |
| ----- YEAR 2011 -----     |               |             |              |              |              |              |              |
| EMISSIONS DATA AT MAXIMUM | 0.49          | 0.52        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| EMISSIONS DATA AT MINIMUM | 0.49          | 0.52        | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| EMISSIONS DATA PROFILE    | 9             | 10          | 0            | 0            | 0            | 0            | 0            |

1 A Input Summary.txt

----- YEAR 2012 -----  
EMISSIONS DATA AT MAXIMUM 0.49 0.51 0.00 0.00 0.00 0.00 0.00

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT                                                     | 4 NOX (B) | 8<br>CARD 1+2<br>2 | 9<br>CARD 3<br>3 | 10<br>CLIFTY<br>1 | 11<br>CLIFTY<br>2 | 12<br>CLIFTY<br>3 | 13<br>CLIFTY<br>4 | 14<br>CLIFTY<br>5 |
|------------------------------------------------------------------------------|-----------|--------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ----- YEAR 2012 -----<br>EMISSIONS DATA AT MINIMUM<br>EMISSIONS DATA PROFILE |           | 0.49<br>9          | 0.51<br>52       | 0.00<br>0         | 0.00<br>0         | 0.00<br>0         | 0.00<br>0         | 0.00<br>0         |

----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT                                                                                  | 4 NOX (B) | 15<br>CLIFTY<br>6 | 16<br>CLINCH R<br>1 | 17<br>CLINCH R<br>2 | 18<br>CLINCH R<br>3 | 19<br>ROCKP_KP<br>1 | 20<br>ROCKP_KP<br>2 | 21<br>CSVL 1-4<br>3 |
|-----------------------------------------------------------------------------------------------------------|-----------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM<br>EMISSIONS DATA PROFILE |           | 0.00<br>0         | 1.99<br>11          | 2.01<br>12          | 1.96<br>13          | 1.81<br>45          | 1.82<br>46          | 4.10<br>14          |
| ----- YEAR 2012 -----                                                                                     |           |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2013 -----                                                                                     |           |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2014 -----                                                                                     |           |                   |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2015 -----                                                                                     |           |                   |                     |                     |                     |                     |                     |                     |

1 A Input Summary.txt

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B)            |                      |                      |                     |                     |                  |                  |
|---------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|------------------|------------------|
|                           | 22<br>CSV L 1-4<br>4 | 23<br>CSV L 5+6<br>5 | 24<br>CSV L 5+6<br>6 | 25<br>D C COOK<br>1 | 26<br>D C COOK<br>2 | 27<br>GAVIN<br>1 | 28<br>GAVIN<br>2 |
| ----- YEAR 2011 -----     |                      |                      |                      |                     |                     |                  |                  |
| EMISSIONS DATA AT MAXIMUM | 0.64                 | 3.60                 | 3.52                 | 0.00                | 0.00                | 0.71             | 0.62             |
| EMISSIONS DATA AT MINIMUM | 0.64                 | 3.60                 | 3.52                 | 0.00                | 0.00                | 0.71             | 0.62             |
| EMISSIONS DATA PROFILE    | 15                   | 16                   | 17                   | 0                   | 0                   | 18               | 19               |
| ----- YEAR 2012 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2013 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2014 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2015 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2016 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2017 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2018 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2019 -----     |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2020 -----     |                      |                      |                      |                     |                     |                  |                  |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 4 NOX (B)            |                      |                      |                     |                     |                  |                  |
|--------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|------------------|------------------|
|                          | 22<br>CSV L 1-4<br>4 | 23<br>CSV L 5+6<br>5 | 24<br>CSV L 5+6<br>6 | 25<br>D C COOK<br>1 | 26<br>D C COOK<br>2 | 27<br>GAVIN<br>1 | 28<br>GAVIN<br>2 |
| ----- YEAR 2021 -----    |                      |                      |                      |                     |                     |                  |                  |
| ----- YEAR 2022 -----    |                      |                      |                      |                     |                     |                  |                  |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 | 36<br>KANAWHA<br>1 | 37<br>KANAWHA<br>2 |
|---------------------------|-----------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| EMISSIONS DATA AT MAXIMUM |           | 6.71                | 3.95                | 4.82              | 4.85              | 4.66              | 2.14               | 2.09               |
| EMISSIONS DATA AT MINIMUM |           | 6.71                | 3.95                | 4.82              | 4.85              | 4.66              | 2.14               | 2.09               |
| EMISSIONS DATA PROFILE    |           | 20                  | 21                  | 22                | 23                | 24                | 25                 | 26                 |
| ----- YEAR 2012 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2013 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2014 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2015 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2016 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2017 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2018 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2019 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2020 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2021 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2022 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2023 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2024 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2025 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2026 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2027 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2028 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2029 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2030 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2031 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2032 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2033 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2034 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2035 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2036 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2037 -----     |           |                     |                     |                   |                   |                   |                    |                    |

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) |       |       |       |       |          |          |  |
|---------------------------|-----------|-------|-------|-------|-------|----------|----------|--|
|                           | 38        | 39    | 40    | 41    | 42    | 43       | 44       |  |
|                           | KYGER     | KYGER | KYGER | KYGER | KYGER | MITCHELL | MITCHELL |  |
|                           | 1         | 2     | 3     | 4     | 5     | 1        | 2        |  |
| ----- YEAR 2011 -----     |           |       |       |       |       |          |          |  |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00  | 0.00  | 0.00  | 0.00  | 0.51     | 0.47     |  |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00  | 0.00  | 0.00  | 0.00  | 0.51     | 0.47     |  |
| EMISSIONS DATA PROFILE    | 0         | 0     | 0     | 0     | 0     | 30       | 31       |  |
| ----- YEAR 2012 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2013 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2014 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2015 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2016 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2017 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2018 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2019 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2020 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2021 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2022 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2023 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2024 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2025 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2026 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2027 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2028 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2029 -----     |           |       |       |       |       |          |          |  |
| ----- YEAR 2030 -----     |           |       |       |       |       |          |          |  |

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 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 4 NOX (B)  |            |            |            |            |               |               |  |
|--------------------------|------------|------------|------------|------------|------------|---------------|---------------|--|
|                          | 38         | 39         | 40         | 41         | 42         | 43            | 44            |  |
|                          | KYGER<br>1 | KYGER<br>2 | KYGER<br>3 | KYGER<br>4 | KYGER<br>5 | MITCHELL<br>1 | MITCHELL<br>2 |  |
| ----- YEAR 2031 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2032 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2033 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2034 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2035 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2036 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2037 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2038 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2039 -----    |            |            |            |            |            |               |               |  |
| ----- YEAR 2040 -----    |            |            |            |            |            |               |               |  |

|                          |           |          |          |          |          |          |         |
|--------------------------|-----------|----------|----------|----------|----------|----------|---------|
| EFFLUENT<br>THERMAL UNIT | 4 NOX (B) |          |          |          |          |          |         |
|                          | 45        | 46       | 47       | 48       | 49       | 50       | 51      |
|                          | MOUNT_ER  | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | P SPORN |
|                          | 1         | 1        | 2        | 3        | 4        | 5        | 1       |
| ----- YEAR 2011 -----    |           |          |          |          |          |          |         |

|                           |                       |      |      |      |      |      |      |
|---------------------------|-----------------------|------|------|------|------|------|------|
|                           | 1 A Input Summary.txt |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.70                  | 5.80 | 4.60 | 5.38 | 3.51 | 0.57 | 2.79 |
| EMISSIONS DATA AT MINIMUM | 0.70                  | 5.80 | 4.60 | 5.38 | 3.51 | 0.57 | 2.79 |
| EMISSIONS DATA PROFILE    | 33                    | 34   | 35   | 36   | 37   | 38   | 39   |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

|                        |    |    |    |    |    |    |    |
|------------------------|----|----|----|----|----|----|----|
| EMISSIONS DATA PROFILE | 32 | 34 | 35 | 36 | 37 | 38 | 39 |
|------------------------|----|----|----|----|----|----|----|

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |           |         |         |         |        |          |          |
|--------------|-----------|---------|---------|---------|--------|----------|----------|
| EFFLUENT     | 4 NOX (B) |         |         |         |        |          |          |
| THERMAL UNIT | 52        | 53      | 54      | 55      | 56     | 57       | 58       |
|              | P SPORN   | P SPORN | P SPORN | P SPORN | PICWAY | RPRET_IM | RPRUN_IM |
|              | 2         | 3       | 4       | 5       | 5      | 1        | 1        |

----- YEAR 2011 -----

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 2.67 | 2.81 | 2.87 | 2.68 | 8.40 | 1.84 | 1.84 |
|---------------------------|------|------|------|------|------|------|------|

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MINIMUM | 2.67 | 2.81 | 2.87 | 2.68 | 8.40 | 1.84 | 1.84 |
|---------------------------|------|------|------|------|------|------|------|

|                        |    |    |    |    |    |    |    |
|------------------------|----|----|----|----|----|----|----|
| EMISSIONS DATA PROFILE | 40 | 41 | 42 | 43 | 44 | 45 | 45 |
|------------------------|----|----|----|----|----|----|----|

----- YEAR 2012 -----

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 2.67 | 2.47 | 2.53 | 2.68 | 8.40 | 1.84 | 1.84 |
|---------------------------|------|------|------|------|------|------|------|

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MINIMUM | 2.67 | 2.47 | 2.53 | 2.68 | 8.40 | 1.84 | 1.84 |
|---------------------------|------|------|------|------|------|------|------|

|                        |    |    |    |    |    |    |    |
|------------------------|----|----|----|----|----|----|----|
| EMISSIONS DATA PROFILE | 40 | 27 | 59 | 43 | 44 | 45 | 45 |
|------------------------|----|----|----|----|----|----|----|

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----



----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

|           |    |    |    |    |        |          |          |
|-----------|----|----|----|----|--------|----------|----------|
| 4 NOX (B) | 52 | 53 | 54 | 55 | 56     | 57       | 58       |
| P SPORN   | 2  | 3  | 4  | 5  | PICWAY | RPRET_IM | RPRUN_IM |
|           | 2  | 3  | 4  | 5  | 5      | 1        | 1        |

----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

|           |    |        |        |        |        |         |          |
|-----------|----|--------|--------|--------|--------|---------|----------|
| 4 NOX (B) | 59 | 61     | 62     | 63     | 64     | 65      | 66       |
| ROCKP_IM  | 2  | STUART | STUART | STUART | STUART | AMOS_AP | TAMN 1-3 |
|           | 2  | 1      | 2      | 3      | 4      | 3       | 1        |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.84 | 1.15 | 1.17 | 1.15 | 1.27 | 0.67 | 3.12 |
| 1.84 | 1.15 | 1.17 | 1.15 | 1.27 | 0.67 | 3.12 |
| 46   | 0    | 0    | 0    | 0    | 3    | 68   |

----- YEAR 2012 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.84 | 1.15 | 1.17 | 1.15 | 1.27 | 0.67 | 2.39 |
| 1.84 | 1.15 | 1.17 | 1.15 | 1.27 | 0.67 | 2.39 |

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

1 A Input Summary.txt

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT                                                                                  | 4 NOX (B) | 67<br>TANN 1-3<br>2 | 68<br>TANN 1-3<br>3 | 69<br>TANN 4<br>4  | 70<br>ZIMMER<br>1 | 71<br>ROBTMONE<br>1 | 72<br>ROBTMONE<br>2 | 73<br>ROBTMONE<br>3 |
|-----------------------------------------------------------------------------------------------------------|-----------|---------------------|---------------------|--------------------|-------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM<br>EMISSIONS DATA PROFILE |           | 3.06<br>3.06<br>69  | 3.00<br>3.00<br>70  | 2.70<br>2.70<br>51 | 2.07<br>2.07<br>0 | 0.28<br>0.28<br>0   | 0.28<br>0.28<br>0   | 0.28<br>0.28<br>0   |
| ----- YEAR 2012 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.27<br>0.27        | 0.28<br>0.28        |
| ----- YEAR 2013 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2014 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2015 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2016 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2017 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2018 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2019 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2020 -----<br>EMISSIONS DATA AT MAXIMUM<br>EMISSIONS DATA AT MINIMUM                           |           | 2.34<br>2.34        | 2.73<br>2.73        | 2.70<br>2.70       | 2.07<br>2.07      | 0.28<br>0.28        | 0.28<br>0.28        | 0.28<br>0.28        |
| ----- YEAR 2021 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2022 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2023 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2024 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2025 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2026 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2027 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2028 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2029 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2030 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2031 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2032 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2033 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |
| ----- YEAR 2034 -----                                                                                     |           |                     |                     |                    |                   |                     |                     |                     |

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

|           |          |        |        |          |          |          |    |
|-----------|----------|--------|--------|----------|----------|----------|----|
| 4 NOX (B) | 67       | 68     | 69     | 70       | 71       | 72       | 73 |
| TANN 1-3  | TANN 1-3 | TANN 4 | ZIMMER | ROBTHONE | ROBTHONE | ROBTHONE |    |
| 2         | 3        | 4      | 1      | 1        | 2        | 3        |    |

----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

|           |        |        |        |        |        |       |    |
|-----------|--------|--------|--------|--------|--------|-------|----|
| 4 NOX (B) | 75     | 76     | 77     | 78     | 79     | 80    | 81 |
| CEREDO    | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY |    |
| 1         | 2      | 3      | 4      | 5      | 6      | 1     |    |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.39 |
| 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.39 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 1 A Input Summary.txt |                  |                  |                  |                  |                     |                     |
|---------------------------|-----------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|
|                           | 4 NOX (B)             |                  |                  |                  |                  |                     |                     |
|                           | DARBY<br>82<br>2      | DARBY<br>83<br>3 | DARBY<br>84<br>4 | DARBY<br>85<br>5 | DARBY<br>86<br>6 | LWBG WIN<br>87<br>1 | LWBG WIN<br>88<br>2 |
| ----- YEAR 2011 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.09                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.09                | 0.08                |
| EMISSIONS DATA PROFILE    | 0                     | 0                | 0                | 0                | 0                | 0                   | 0                   |
| ----- YEAR 2012 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.09                | 0.09                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.09                | 0.09                |
| ----- YEAR 2013 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.09                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.09                | 0.08                |
| ----- YEAR 2014 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| ----- YEAR 2015 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| ----- YEAR 2016 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| ----- YEAR 2017 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| ----- YEAR 2018 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| ----- YEAR 2019 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| ----- YEAR 2020 -----     |                       |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| EMISSIONS DATA AT MINIMUM | 0.39                  | 0.39             | 0.39             | 0.39             | 0.39             | 0.08                | 0.08                |
| ----- YEAR 2021 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2022 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2023 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2024 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2025 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2026 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2027 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2028 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2029 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2030 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2031 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2032 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2033 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2034 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2035 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2036 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2037 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2038 -----     |                       |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2039 -----     |                       |                  |                  |                  |                  |                     |                     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 4 NOX (B) |    |    |    |    |    |    |
|--------------------------|-----------|----|----|----|----|----|----|
|                          | 82        | 83 | 84 | 85 | 86 | 87 | 88 |

|                           |           |          |          |         |         |          |          |
|---------------------------|-----------|----------|----------|---------|---------|----------|----------|
| 1 A Input Summary.txt     |           |          |          |         |         |          |          |
| DARBY                     | DARBY     | DARBY    | DARBY    | DARBY   | DARBY   | LWBG WIN | LWBG WIN |
| 2                         | 3         | 4        | 5        | 6       |         | 1        | 2        |
| ----- YEAR 2040 -----     |           |          |          |         |         |          |          |
| EFFLUENT                  | 4 NOX (B) |          |          |         |         |          |          |
| THERMAL UNIT              | 89        | 90       | 91       | 92      | 93      | 94       | 96       |
|                           | LWBG SMR  | LWBG SMR | WATR CC  | WATR2   | DRESDEN | DRES2    | CT_APC0  |
|                           | 1         | 2        | 1        | 1       | 1       | 1        | 1        |
| ----- YEAR 2011 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.09      | 0.08     | 0.09     | 0.09    | 0.13    | 0.09     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.09      | 0.08     | 0.09     | 0.09    | 0.13    | 0.09     | 0.12     |
| EMISSIONS DATA PROFILE    | 0         | 0        | 0        | 0       | 0       | 0        | 0        |
| ----- YEAR 2012 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.09      | 0.09     | 0.09     | 0.09    | 0.13    | 0.09     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.09      | 0.09     | 0.09     | 0.09    | 0.13    | 0.09     | 0.12     |
| ----- YEAR 2013 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.09      | 0.08     | 0.09     | 0.09    | 0.13    | 0.09     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.09      | 0.08     | 0.09     | 0.09    | 0.13    | 0.09     | 0.12     |
| ----- YEAR 2014 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| ----- YEAR 2015 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| ----- YEAR 2016 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.08     | 0.08     | 0.08    | 0.13    | 0.08     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.08      | 0.08     | 0.08     | 0.08    | 0.13    | 0.08     | 0.12     |
| ----- YEAR 2017 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| ----- YEAR 2018 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.08      | 0.08     | 0.09     | 0.09    | 0.13    | 0.08     | 0.12     |
| ----- YEAR 2019 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.08     | 0.08     | 0.08    | 0.13    | 0.08     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.08      | 0.08     | 0.08     | 0.08    | 0.13    | 0.08     | 0.12     |
| ----- YEAR 2020 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.08     | 0.08     | 0.08    | 0.13    | 0.08     | 0.12     |
| EMISSIONS DATA AT MINIMUM | 0.08      | 0.08     | 0.08     | 0.08    | 0.13    | 0.08     | 0.12     |
| ----- YEAR 2021 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2022 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2023 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2024 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2025 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2026 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2027 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2028 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2029 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2030 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2031 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2032 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2033 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2034 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2035 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2036 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2037 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2038 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2039 -----     |           |          |          |         |         |          |          |
| ----- YEAR 2040 -----     |           |          |          |         |         |          |          |
| EFFLUENT                  | 4 NOX (B) |          |          |         |         |          |          |
| THERMAL UNIT              | 97        | 98       | 99       | 100     | 101     | 102      | 103      |
|                           | CC_APC0   | IGCC AP  | PC_UL_AP | Nuke_AP | CT_I&M  | CC_I&M   | IGCC IM  |
|                           | 1         | 1        | 1        | 1       | 1       | 1        | 1        |
| ----- YEAR 2011 -----     |           |          |          |         |         |          |          |
| EMISSIONS DATA AT MAXIMUM | 0.08      | 0.50     | 0.62     | 0.00    | 0.12    | 0.08     | 0.50     |

EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

1 A Input Summary.txt  
0.08 0.50 0.62 0.00 0.12 0.08 0.50  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 104<br>PC_UL_IM<br>1 | 105<br>NUKE_IM<br>1 | 106<br>CT_KPCO<br>1 | 107<br>CC_KPCO<br>1 | 108<br>IGCC KP<br>1 | 109<br>PC_UL_KP<br>1 | 110<br>NUKE_KP<br>1 |
|---------------------------|-----------|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| ----- YEAR 2011 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM |           | 0.62                 | 0.00                | 0.41                | 0.06                | 0.50                | 0.62                 | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 0.62                 | 0.00                | 0.41                | 0.06                | 0.50                | 0.62                 | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                    | 0                   | 0                   | 0                   | 0                   | 0                    | 0                   |
| ----- YEAR 2012 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2013 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2014 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2015 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2016 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2017 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2018 -----     |           |                      |                     |                     |                     |                     |                      |                     |
| ----- YEAR 2019 -----     |           |                      |                     |                     |                     |                     |                      |                     |

1 A Input Summary.txt

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

4 NOX (B)

| 111<br>CT_OHIO<br>1 | 112<br>CC_OH<br>1 | 113<br>IGCC OH<br>1 | 114<br>PC_UL_OH<br>1 | 115<br>NUKE OH<br>1 | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1 |
|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.12 | 0.08 | 0.50 | 0.62 | 0.00 | 0.06 | 0.07 |
| 0.12 | 0.08 | 0.50 | 0.62 | 0.00 | 0.06 | 0.07 |
| 0    | 0    | 0    | 0    | 0    | 0    | 5    |

1 A Input Summary.txt

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |                     |                     |                      |                     |                      |                      |                      |
|--------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| EFFLUENT     | 4 NOX (B)           |                     |                      |                     |                      |                      |                      |
| THERMAL UNIT | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CRI_NGCC<br>1 |

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| ----- YEAR 2011 -----     |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.08 | 0.08 | 0.45 | 0.08 | 0.36 | 0.35 | 0.08 |
| EMISSIONS DATA AT MINIMUM | 0.08 | 0.08 | 0.45 | 0.08 | 0.36 | 0.35 | 0.08 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 7    | 0    | 60   | 61   | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |                     |                     |                      |                     |                      |                      |                      |
|--------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| EFFLUENT     | 4 NOX (B)           |                     |                      |                     |                      |                      |                      |
| THERMAL UNIT | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CRI_NGCC<br>1 |

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT 4 NOX (B)



| 1 A Input Summary.txt     |                      |                      |                     |                     |                      |                      |                      |
|---------------------------|----------------------|----------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| THERMAL UNIT              | 130<br>CR2_NGCC<br>2 | 131<br>MR5_NGCC<br>5 | 132<br>MR5_FGD<br>5 | 133<br>RP1D_IM<br>1 | 134<br>RP2D_IM<br>2  | 135<br>TAN4_FGD<br>4 | 136<br>RP1D_KP<br>1  |
| ----- YEAR 2011 -----     |                      |                      |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 0.08                 | 0.08                 | 0.52                | 0.40                | 0.40                 | 2.54                 | 0.38                 |
| EMISSIONS DATA AT MINIMUM | 0.08                 | 0.08                 | 0.52                | 0.40                | 0.40                 | 2.54                 | 0.38                 |
| EMISSIONS DATA PROFILE    | 0                    | 0                    | 65                  | 66                  | 67                   | 51                   | 0                    |
| ----- YEAR 2012 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2013 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2014 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2015 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2016 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2017 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2018 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2019 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2020 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2021 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2022 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2023 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2024 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2025 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2026 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2027 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2028 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2029 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2030 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2031 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2032 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2033 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2034 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2035 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2036 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2037 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2038 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2039 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2040 -----     |                      |                      |                     |                     |                      |                      |                      |
| EFFLUENT                  | 4 NOX (B)            |                      |                     |                     |                      |                      |                      |
| THERMAL UNIT              | 137<br>RP2D_KP<br>2  | 144<br>TC4_ESP<br>4  | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
| ----- YEAR 2011 -----     |                      |                      |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 1.51                 | 2.54                 | 0.73                | 0.40                | 1.84                 | 1.73                 | 1.84                 |
| EMISSIONS DATA AT MINIMUM | 1.51                 | 2.54                 | 0.73                | 0.40                | 1.84                 | 1.73                 | 1.84                 |
| EMISSIONS DATA PROFILE    | 0                    | 51                   | 28                  | 66                  | 45                   | 46                   | 45                   |
| ----- YEAR 2012 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2013 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2014 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2015 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2016 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2017 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2018 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2019 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2020 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2021 -----     |                      |                      |                     |                     |                      |                      |                      |
| ----- YEAR 2022 -----     |                      |                      |                     |                     |                      |                      |                      |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

4 NOX (B)

| 137     | 144     | 153     | 185     | 186      | 187      | 188      |
|---------|---------|---------|---------|----------|----------|----------|
| RP2D_KP | TC4_ESP | MTN_18% | RP1D_03 | RP1TR_IM | RP2TR_IM | RP1TR_KP |
| 2       | 4       | 1       | 1       | 1        | 2        | 1        |

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

4 NOX (B)

| 189      | 190      | 191      | 193     | 194     | 195     | 196     |
|----------|----------|----------|---------|---------|---------|---------|
| RP2TR_KP | T4_TRONA | T4_TRCCR | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 |
| 2        | 4        | 4        | 1       | 2       | 1       | 2       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 1.73 | 2.70 | 2.70 | 0.55 | 0.49 | 0.55 | 0.49 |
| 1.73 | 2.70 | 2.70 | 0.55 | 0.49 | 0.55 | 0.49 |
| 0    | 51   | 51   | 0    | 0    | 0    | 0    |

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 MOX (B) | 201  | 500<br>DUMMY_OP | 501<br>DUMMY_IM | 502<br>DUMMY_AP | 503<br>DUMMY_KP | 957<br>RP2D_KP | 958<br>RP2D_IM |
|---------------------------|-----------|------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
|                           |           | 0    | 0               | 0               | 0               | 0               | 957            | 958            |
| ----- YEAR 2011 -----     |           |      |                 |                 |                 |                 |                |                |
| EMISSIONS DATA AT MAXIMUM |           | 0.00 | 0.00            | 0.00            | 0.00            | 0.00            | 1.51           | 0.40           |
| EMISSIONS DATA AT MINIMUM |           | 2.18 | 0.00            | 0.00            | 0.00            | 0.00            | 1.51           | 0.40           |
| EMISSIONS DATA PROFILE    |           | 0    | 0               | 0               | 0               | 0               | 0              | 67             |
| ----- YEAR 2012 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2013 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2014 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2015 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2016 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2017 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2018 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2019 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2020 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2021 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2022 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2023 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2024 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2025 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2026 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2027 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2028 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2029 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2030 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2031 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2032 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2033 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2034 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2035 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2036 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2037 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2038 -----     |           |      |                 |                 |                 |                 |                |                |
| ----- YEAR 2039 -----     |           |      |                 |                 |                 |                 |                |                |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:17 V04.0 R03.0

1 A Input Summary.txt  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 201             | 500             | 501             | 502             | 503             | 957             | 958             |
|---------------------------|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                           |           | 0               | DUMMY_OP<br>0   | DUMMY_IM<br>0   | DUMMY_AP<br>0   | DUMMY_KP<br>0   | RP2D_KP<br>957  | RP2D_IM<br>958  |
| ----- YEAR 2040 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 959             | 960             | 961             | 962             | 963             | 964             | 965             |
|                           |           | CSV6_SCR<br>959 | CSV5_SCR<br>960 | DUMMY_OP<br>961 | BS2_FGD<br>962  | DUMMY_KP<br>963 | RP1D_KP<br>964  | RP1D_O3<br>965  |
| ----- YEAR 2011 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| EMISSIONS DATA AT MAXIMUM |           | 0.35            | 0.36            | 0.00            | 0.45            | 0.00            | 0.38            | 0.40            |
| EMISSIONS DATA AT MINIMUM |           | 0.35            | 0.36            | 0.00            | 0.45            | 0.00            | 0.38            | 0.40            |
| EMISSIONS DATA PROFILE    |           | 61              | 60              | 0               | 7               | 0               | 0               | 66              |
| ----- YEAR 2012 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2013 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2014 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2015 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2016 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2017 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2018 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2019 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2020 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2021 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2022 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2023 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2024 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2025 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2026 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2027 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2028 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2029 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2030 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2031 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2032 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2033 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2034 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2035 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2036 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2037 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2038 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2039 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2040 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 966             | 967             | 968             | 969             | 970             | 971             | 972             |
|                           |           | CR2_NGCC<br>966 | CR1_NGCC<br>967 | MR5_NGCC<br>968 | RP2TR_KP<br>969 | RP2TR_IM<br>970 | DUMMY_OP<br>971 | DUMMY_OP<br>972 |
| ----- YEAR 2011 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| EMISSIONS DATA AT MAXIMUM |           | 0.08            | 0.08            | 0.08            | 1.73            | 1.73            | 0.00            | 0.00            |
| EMISSIONS DATA AT MINIMUM |           | 0.08            | 0.08            | 0.08            | 1.73            | 1.73            | 0.00            | 0.00            |
| EMISSIONS DATA PROFILE    |           | 0               | 0               | 0               | 0               | 46              | 0               | 0               |
| ----- YEAR 2012 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2013 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2014 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2015 -----     |           |                 |                 |                 |                 |                 |                 |                 |
| ----- YEAR 2016 -----     |           |                 |                 |                 |                 |                 |                 |                 |

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 4 NOX (B) | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
|--------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2016 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2017 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2018 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2019 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2020 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2021 -----    |           |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2022 -----    |           |                        |                        |                        |                        |                        |                        |                        |

1 A Input Summary.txt

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

4 NOX (B)

|                           | 980<br>DUMMY_OP<br>980 | 981<br>DUMMY_OP<br>981 | 982<br>DUMMY_OP<br>982 | 983<br>DUMMY_OP<br>983 | 984<br>DUMMY_OP<br>984 | 985<br>DUMMY_OP<br>985 | 986<br>DUMMY_OP<br>986 |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 4 NOX (B) | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|--------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 4 NOX (B) | 994<br>DUMMY_OP<br>994 | 995<br>DUMMY_OP<br>995 | 996<br>ML_KP20<br>996 | 997<br>ML_KP20<br>997 | 998<br>T4_TRONA<br>998 | 999<br>DUMMY_OP<br>999 |
|---------------------------|-----------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                       |                       |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.49                  | 0.55                  | 2.70                   | 0.00                   |

EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

1 A Input Summary.txt  
0.00 0.00 0.49 0.55 2.70 0.00  
0 0 0 0 51 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

5 NSR S02

1 2 3 4 5 6 7  
AMOS AMOS AMOS\_OP BECKJORD BIG SAND BIG SAND CARD 1+2  
1 2 3 6 1 2 1

----- YEAR 2011 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

0.00 0.00 0.00 0.00 1.59 1.59 0.00  
0.00 0.00 0.00 0.00 1.59 1.59 0.00  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

0.00 0.00 0.00 0.00 1.66 1.66 0.00  
0.00 0.00 0.00 0.00 1.66 1.66 0.00

----- YEAR 2013 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

0.00 0.00 0.00 0.00 1.60 1.60 0.00  
0.00 0.00 0.00 0.00 1.60 1.60 0.00

----- YEAR 2014 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

0.00 0.00 0.00 0.00 1.58 1.58 0.00  
0.00 0.00 0.00 0.00 1.58 1.58 0.00

----- YEAR 2015 -----

----- YEAR 2016 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

0.00 0.00 0.00 0.00 3.90 3.90 0.00  
0.00 0.00 0.00 0.00 3.90 3.90 0.00

----- YEAR 2017 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

0.00 0.00 0.00 0.00 4.16 4.16 0.00  
0.00 0.00 0.00 0.00 4.16 4.16 0.00

----- YEAR 2018 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM

0.00 0.00 0.00 0.00 4.04 4.04 0.00  
0.00 0.00 0.00 0.00 4.04 4.04 0.00

----- YEAR 2019 -----



|                           | 1 A Input Summary.txt |      |      |      |      |      |      |
|---------------------------|-----------------------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 4.19 | 4.19 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 4.19 | 4.19 | 0.00 |
| ----- YEAR 2020 -----     |                       |      |      |      |      |      |      |
| ----- YEAR 2021 -----     |                       |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 4.22 | 4.22 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 4.22 | 4.22 | 0.00 |
| ----- YEAR 2022 -----     |                       |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 4.24 | 4.24 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00                  | 0.00 | 0.00 | 0.00 | 4.24 | 4.24 | 0.00 |
| ----- YEAR 2023 -----     |                       |      |      |      |      |      |      |
| ----- YEAR 2024 -----     |                       |      |      |      |      |      |      |
| ----- YEAR 2025 -----     |                       |      |      |      |      |      |      |
| ----- YEAR 2026 -----     |                       |      |      |      |      |      |      |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 5 NSR S02 |      |         |          |          |          |          |
|--------------------------|-----------|------|---------|----------|----------|----------|----------|
|                          | 1         | 2    | 3       | 4        | 5        | 6        | 7        |
|                          | AMOS      | AMOS | AMOS_OP | BECKJORD | BIG SAND | BIG SAND | CARD 1+2 |
|                          | 1         | 2    | 3       | 6        | 1        | 2        | 1        |
| ----- YEAR 2027 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2028 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2029 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2030 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2031 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2032 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2033 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2034 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2035 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2036 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2037 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2038 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2039 -----    |           |      |         |          |          |          |          |
| ----- YEAR 2040 -----    |           |      |         |          |          |          |          |

  

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 |        |        |        |        |        |        |
|---------------------------|-----------|--------|--------|--------|--------|--------|--------|
|                           | 8         | 9      | 10     | 11     | 12     | 13     | 14     |
|                           | CARD 1+2  | CARD 3 | CLIFTY | CLIFTY | CLIFTY | CLIFTY | CLIFTY |
|                           | 2         | 3      | 1      | 2      | 3      | 4      | 5      |
| ----- YEAR 2011 -----     |           |        |        |        |        |        |        |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| EMISSIONS DATA PROFILE    | 0         | 0      | 0      | 0      | 0      | 0      | 0      |
| ----- YEAR 2012 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2013 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2014 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2015 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2016 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2017 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2018 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2019 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2020 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2021 -----     |           |        |        |        |        |        |        |
| ----- YEAR 2022 -----     |           |        |        |        |        |        |        |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR SO2<br>15<br>CLIFTY<br>6 | 16<br>CLINCH R<br>1 | 17<br>CLINCH R<br>2 | 18<br>CLINCH R<br>3 | 19<br>ROCKP_KP<br>1 | 20<br>ROCKP_KP<br>2 | 21<br>CSVL 1-4<br>3 |
|---------------------------|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.75                | 0.78                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.75                | 0.78                | 0.00                |
| EMISSIONS DATA PROFILE    | 0                              | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |
| ----- YEAR 2012 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.75                | 0.70                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.75                | 0.70                | 0.00                |
| ----- YEAR 2013 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.82                | 0.76                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.82                | 0.76                | 0.00                |
| ----- YEAR 2014 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.82                | 0.38                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.82                | 0.38                | 0.00                |
| ----- YEAR 2015 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.79                | 0.34                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.79                | 0.34                | 0.00                |
| ----- YEAR 2016 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.20                | 0.34                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.20                | 0.34                | 0.00                |
| ----- YEAR 2017 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.12                | 0.34                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.12                | 0.34                | 0.00                |
| ----- YEAR 2018 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2019 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2020 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2021 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2022 -----     |                                |                     |                     |                     |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.12                | 0.34                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                           | 0.00                | 0.00                | 0.00                | 0.12                | 0.34                | 0.00                |
| ----- YEAR 2023 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2024 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2025 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2026 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2027 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2028 -----     |                                |                     |                     |                     |                     |                     |                     |
| ----- YEAR 2029 -----     |                                |                     |                     |                     |                     |                     |                     |

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VALUE CHANGED FROM PREVIOUS YEAR.  
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1 A Input Summary.txt

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 5 NSR S02 | 15       | 16       | 17       | 18       | 19       | 20       | 21 |
|--------------------------|-----------|----------|----------|----------|----------|----------|----------|----|
|                          | CLIFTY    | CLINCH R | CLINCH R | CLINCH R | ROCKP_KP | ROCKP_KP | CSVL 1-4 |    |
|                          | 6         | 1        | 2        | 3        | 1        | 2        | 3        |    |
| ----- YEAR 2030 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2031 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2032 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2033 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2034 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2035 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2036 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2037 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2038 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2039 -----    |           |          |          |          |          |          |          |    |
| ----- YEAR 2040 -----    |           |          |          |          |          |          |          |    |

  

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 22       | 23       | 24       | 25       | 26    | 27    | 28 |
|---------------------------|-----------|----------|----------|----------|----------|-------|-------|----|
|                           | CSVL 1-4  | CSVL 5+6 | CSVL 5+6 | D C COOK | D C COOK | GAVIN | GAVIN |    |
|                           | 4         | 5        | 6        | 1        | 2        | 1     | 2     |    |
| ----- YEAR 2011 -----     |           |          |          |          |          |       |       |    |
| EMISSIONS DATA AT MAXIMUM | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00  | 0.00  |    |
| EMISSIONS DATA AT MINIMUM | 0.00      | 0.00     | 0.00     | 0.00     | 0.00     | 0.00  | 0.00  |    |
| EMISSIONS DATA PROFILE    | 0         | 0        | 0        | 0        | 0        | 0     | 0     |    |
| ----- YEAR 2012 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2013 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2014 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2015 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2016 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2017 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2018 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2019 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2020 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2021 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2022 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2023 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2024 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2025 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2026 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2027 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2028 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2029 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2030 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2031 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2032 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2033 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2034 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2035 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2036 -----     |           |          |          |          |          |       |       |    |
| ----- YEAR 2037 -----     |           |          |          |          |          |       |       |    |

1 A Input Summary.txt

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 | 36<br>KANAWHA<br>1 | 37<br>KANAWHA<br>2 |
|---------------------------|-----------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                   |                   |                   |                    |                    |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.00               | 0.00               |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
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 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 5 NSR S02 | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 | 36<br>KANAWHA<br>1 | 37<br>KANAWHA<br>2 |
|--------------------------|-----------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| ----- YEAR 2040 -----    |           |                     |                     |                   |                   |                   |                    |                    |

  

| EFFLUENT<br>THERMAL UNIT | 5 NSR S02 | 38<br>KYGER<br>1 | 39<br>KYGER<br>2 | 40<br>KYGER<br>3 | 41<br>KYGER<br>4 | 42<br>KYGER<br>5 | 43<br>MITCHELL<br>1 | 44<br>MITCHELL<br>2 |
|--------------------------|-----------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|
| ----- YEAR 2011 -----    |           |                  |                  |                  |                  |                  |                     |                     |

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

1 A Input Summary.txt  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
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----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
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----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

5 NSR SO2  
45 46 47 48 49 50 51  
MOUNT\_ER MUSK RVR MUSK RVR MUSK RVR MUSK RVR MUSK RVR P SPORN  
1 1 2 3 4 5 1

----- YEAR 2011 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----

0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR SO2 | 52<br>P SPORN<br>2 | 53<br>P SPORN<br>3 | 54<br>P SPORN<br>4 | 55<br>P SPORN<br>5 | 56<br>PICWAY<br>5 | 57<br>RPRET_IM<br>1 | 58<br>RPRUN_IM<br>1 |
|---------------------------|-----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |           |                    |                    |                    |                    |                   |                     |                     |
| EMISSIONS DATA AT MAXIMUM |           | 0.00               | 0.00               | 0.00               | 0.00               | 0.00              | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM |           | 0.00               | 0.00               | 0.00               | 0.00               | 0.00              | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    |           | 0                  | 0                  | 0                  | 0                  | 0                 | 0                   | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 5 NSR SO2 | 52<br>P SPORN<br>2 | 53<br>P SPORN<br>3 | 54<br>P SPORN<br>4 | 55<br>P SPORN<br>5 | 56<br>PICWAY<br>5 | 57<br>RPRET_IM<br>1 | 58<br>RPRUN_IM<br>1 |
|--------------------------|-----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
|--------------------------|-----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
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 ----- YEAR 2022 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

1 A Input Summary.txt

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02<br>59<br>ROCKP_IM<br>2 | 61<br>STUART<br>1 | 62<br>STUART<br>2 | 63<br>STUART<br>3 | 64<br>STUART<br>4 | 65<br>AMOS_AP<br>3 | 66<br>TANN 1-3<br>1 |
|---------------------------|----------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
| ----- YEAR 2011 -----     |                                  |                   |                   |                   |                   |                    |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00               | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                             | 0.00              | 0.00              | 0.00              | 0.00              | 0.00               | 0.00                |
| EMISSIONS DATA PROFILE    | 0                                | 0                 | 0                 | 0                 | 0                 | 0                  | 0                   |

----- YEAR 2012 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02<br>67<br>TANN 1-3<br>2 | 68<br>TANN 1-3<br>3 | 69<br>TANN 4<br>4 | 70<br>ZIMMER<br>1 | 71<br>ROBTHONE<br>1 | 72<br>ROBTHONE<br>2 | 73<br>ROBTHONE<br>3 |
|---------------------------|----------------------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |                                  |                     |                   |                   |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                             | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                             | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    | 0                                | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| ----- YEAR 2012 -----     |                                  |                     |                   |                   |                     |                     |                     |

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

5 NSR S02

|          |          |        |        |          |          |          |
|----------|----------|--------|--------|----------|----------|----------|
| 67       | 68       | 69     | 70     | 71       | 72       | 73       |
| TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER | ROBTMONE | ROBTMONE | ROBTMONE |
| 2        | 3        | 4      | 1      | 1        | 2        | 3        |

----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
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 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

5 NSR S02

|        |        |        |        |        |        |       |
|--------|--------|--------|--------|--------|--------|-------|
| 75     | 76     | 77     | 78     | 79     | 80     | 81    |
| CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY |
| 1      | 2      | 3      | 4      | 5      | 6      | 1     |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |



1 A Input Summary.txt

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

5 NSR SO2

|       |       |       |       |       |          |          |
|-------|-------|-------|-------|-------|----------|----------|
| 82    | 83    | 84    | 85    | 86    | 87       | 88       |
| DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN | LWBG WIN |
| 2     | 3     | 4     | 5     | 6     | 1        | 2        |

|                           |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
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 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----

----- YEAR 2034 -----  
 ----- YEAR 2035 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:18 V04.0 R03.0

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
 THERMAL UNIT

5 NSR S02

|       |       |       |       |       |          |          |
|-------|-------|-------|-------|-------|----------|----------|
| 82    | 83    | 84    | 85    | 86    | 87       | 88       |
| DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN | LWBG WIN |
| 2     | 3     | 4     | 5     | 6     | 1        | 2        |

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

5 NSR S02

|          |          |         |       |         |        |         |
|----------|----------|---------|-------|---------|--------|---------|
| 89       | 90       | 91      | 92    | 93      | 94     | 96      |
| LWBG SMR | LWBG SMR | WATR CC | WATR2 | DRESDEN | DRESD2 | CT_APC0 |
| 1        | 2        | 1       | 1     | 1       | 1      | 1       |

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

1 A Input Summary.txt

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 97<br>CC_APC0 | 98<br>IGCC AP | 99<br>PC_UL_AP | 100<br>Nuke_AP | 101<br>CT_I&M | 102<br>CC_I&M | 103<br>IGCC IM |
|---------------------------|-----------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
|                           |           | 1             | 1             | 1              | 1              | 1             | 1             | 1              |
| ----- YEAR 2011 -----     |           |               |               |                |                |               |               |                |
| EMISSIONS DATA AT MAXIMUM |           | 0.00          | 0.00          | 0.00           | 0.00           | 0.00          | 0.00          | 0.00           |
| EMISSIONS DATA AT MINIMUM |           | 0.00          | 0.00          | 0.00           | 0.00           | 0.00          | 0.00          | 0.00           |
| EMISSIONS DATA PROFILE    |           | 0             | 0             | 0              | 0              | 0             | 0             | 0              |
| ----- YEAR 2012 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2013 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2014 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2015 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2016 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2017 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2018 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2019 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2020 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2021 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2022 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2023 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2024 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2025 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2026 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2027 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2028 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2029 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2030 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2031 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2032 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2033 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2034 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2035 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2036 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2037 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2038 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2039 -----     |           |               |               |                |                |               |               |                |
| ----- YEAR 2040 -----     |           |               |               |                |                |               |               |                |

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 104<br>PC_UL_IM | 105<br>NUKE_IM | 106<br>CT_KPC0 | 107<br>CC_KPC0 | 108<br>IGCC KP | 109<br>PC_UL_KP | 110<br>NUKE_KP |
|---------------------------|-----------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
|                           |           | 1               | 1              | 1              | 1              | 1              | 1               | 1              |
| ----- YEAR 2011 -----     |           |                 |                |                |                |                |                 |                |
| EMISSIONS DATA AT MAXIMUM |           | 0.00            | 0.00           | 0.00           | 0.00           | 0.00           | 0.00            | 0.00           |
| EMISSIONS DATA AT MINIMUM |           | 0.00            | 0.00           | 0.00           | 0.00           | 0.00           | 0.00            | 0.00           |
| EMISSIONS DATA PROFILE    |           | 0               | 0              | 0              | 0              | 0              | 0               | 0              |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 5 NSR S02 | 104<br>PC_UL_IM | 105<br>NUKE_IM | 106<br>CT_KPC0 | 107<br>CC_KPC0 | 108<br>IGCC KP | 109<br>PC_UL_KP | 110<br>NUKE_KP |
|--------------------------|-----------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
|                          |           | 1               | 1              | 1              | 1              | 1              | 1               | 1              |
| ----- YEAR 2012 -----    |           |                 |                |                |                |                |                 |                |

1 A Input Summary.txt

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

5 NSR S02

| 111     | 112   | 113     | 114      | 115     | 116      | 118     |
|---------|-------|---------|----------|---------|----------|---------|
| CT_OHIO | CC_OH | IGCC OH | PC_UL_OH | NUKE OH | CC_FA_KP | BS1_Gas |
| 1       | 1     | 1       | 1        | 1       | 1        | 1       |

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CR1_NGCC<br>1 |
|---------------------------|-----------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2011 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.08                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.08                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA PROFILE    |           | 0                   | 0                   | 0                    | 0                   | 0                    | 0                    | 0                    |
| ----- YEAR 2012 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 1.66                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2013 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 1.60                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2014 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 1.58                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2015 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| ----- YEAR 2016 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2017 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:19 V04.0 R03.0

NewEnergy Associates  
 Strategist Page 360

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 119<br>BS_RPWR<br>1 | 120<br>BS_BFCC<br>1 | 121<br>BS2_FGD<br>23 | 122<br>BS_BF50<br>1 | 126<br>CSV5_SCR<br>5 | 127<br>CSV6_SCR<br>6 | 129<br>CR1_NGCC<br>1 |
|---------------------------|-----------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2018 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2019 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.10                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2020 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| ----- YEAR 2021 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| ----- YEAR 2022 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                | 0.00                | 0.11                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM |           | 0.00                | 0.00                | 0.11                 | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2023 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| ----- YEAR 2024 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| ----- YEAR 2025 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| ----- YEAR 2026 -----     |           |                     |                     |                      |                     |                      |                      |                      |
| ----- YEAR 2027 -----     |           |                     |                     |                      |                     |                      |                      |                      |

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02            |                      |                     |                     |                     |                      |                     |
|---------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
|                           | 130<br>CR2_NGCC<br>2 | 131<br>MR5_NGCC<br>5 | 132<br>MR5_FGD<br>5 | 133<br>RP1D_IM<br>1 | 134<br>RP2D_IM<br>2 | 135<br>TAN4_FGD<br>4 | 136<br>RP1D_KP<br>1 |
| ----- YEAR 2011 -----     |                      |                      |                     |                     |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.75                |
| EMISSIONS DATA AT MINIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.75                |
| EMISSIONS DATA PROFILE    | 0                    | 0                    | 0                   | 0                   | 0                   | 0                    | 0                   |
| ----- YEAR 2012 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2013 -----     |                      |                      |                     |                     |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.82                |
| EMISSIONS DATA AT MINIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.82                |
| ----- YEAR 2014 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2015 -----     |                      |                      |                     |                     |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.79                |
| EMISSIONS DATA AT MINIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.79                |
| ----- YEAR 2016 -----     |                      |                      |                     |                     |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.12                |
| EMISSIONS DATA AT MINIMUM | 0.00                 | 0.00                 | 0.00                | 0.00                | 0.00                | 0.00                 | 0.12                |
| ----- YEAR 2017 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2018 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2019 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2020 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2021 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2022 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2023 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2024 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2025 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2026 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2027 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2028 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2029 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2030 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2031 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2032 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2033 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2034 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2035 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2036 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2037 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2038 -----     |                      |                      |                     |                     |                     |                      |                     |
| ----- YEAR 2039 -----     |                      |                      |                     |                     |                     |                      |                     |

1 A Input Summary.txt

| ----- YEAR 2040 -----     |                     |                     |                     |                     |                      |                      |                      |
|---------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02           |                     |                     |                     |                      |                      |                      |
|                           | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
| ----- YEAR 2011 -----     |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 0.87                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM | 0.87                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA PROFILE    | 0                   | 0                   | 0                   | 0                   | 0                    | 0                    | 0                    |
| ----- YEAR 2012 -----     |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 0.98                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM | 0.98                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2013 -----     |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 1.06                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM | 1.06                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2014 -----     |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 0.53                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM | 0.53                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2015 -----     |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 0.47                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM | 0.47                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2016 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2017 -----     |                     |                     |                     |                     |                      |                      |                      |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.

‡ 02/12/13 08:27:19 V04.0 R03.0

NewEnergy Associates  
Strategist Page 361

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02           |                     |                     |                     |                      |                      |                      |
|---------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
|                           | 137<br>RP2D_KP<br>2 | 144<br>TC4_ESP<br>4 | 153<br>MTN_18%<br>1 | 185<br>RP1D_03<br>1 | 186<br>RP1TR_IM<br>1 | 187<br>RP2TR_IM<br>2 | 188<br>RP1TR_KP<br>1 |
| ----- YEAR 2018 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2019 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2020 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2021 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2022 -----     |                     |                     |                     |                     |                      |                      |                      |
| EMISSIONS DATA AT MAXIMUM | 0.47                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| EMISSIONS DATA AT MINIMUM | 0.47                | 0.00                | 0.00                | 0.00                | 0.00                 | 0.00                 | 0.00                 |
| ----- YEAR 2023 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2024 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2025 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2026 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2027 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2028 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2029 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2030 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2031 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2032 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2033 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2034 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2035 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2036 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2037 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2038 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2039 -----     |                     |                     |                     |                     |                      |                      |                      |
| ----- YEAR 2040 -----     |                     |                     |                     |                     |                      |                      |                      |

| EFFLUENT<br>THERMAL UNIT  | 1 A Input Summary.txt |               |               |               |               |                |                |
|---------------------------|-----------------------|---------------|---------------|---------------|---------------|----------------|----------------|
|                           | 5 NSR S02             | 189           | 190           | 191           | 193           | 194            | 195            |
|                           | RP2TR_KP<br>2         | T4_TRONA<br>4 | T4_TRCCR<br>4 | ML_KP20<br>1  | ML_KP20<br>2  | ML_KP50<br>1   | ML_KP50<br>2   |
| ----- YEAR 2011 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.87                  | 0.00          | 0.00          | 0.00          | 0.00          | 0.00           | 0.00           |
| EMISSIONS DATA AT MINIMUM | 0.87                  | 0.00          | 0.00          | 0.00          | 0.00          | 0.00           | 0.00           |
| EMISSIONS DATA PROFILE    | 0                     | 0             | 0             | 0             | 0             | 0              | 0              |
| ----- YEAR 2012 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.98                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| EMISSIONS DATA AT MINIMUM | 0.98                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| ----- YEAR 2013 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 1.06                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| EMISSIONS DATA AT MINIMUM | 1.06                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| ----- YEAR 2014 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.53                  | 0.00          | 0.00          | 0.15          | 0.15          | 0.15           | 0.15           |
| EMISSIONS DATA AT MINIMUM | 0.53                  | 0.00          | 0.00          | 0.15          | 0.15          | 0.15           | 0.15           |
| ----- YEAR 2015 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.47                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| EMISSIONS DATA AT MINIMUM | 0.47                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| ----- YEAR 2016 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2017 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2018 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2019 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.47                  | 0.00          | 0.00          | 0.13          | 0.13          | 0.13           | 0.13           |
| EMISSIONS DATA AT MINIMUM | 0.47                  | 0.00          | 0.00          | 0.13          | 0.13          | 0.13           | 0.13           |
| ----- YEAR 2020 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.47                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| EMISSIONS DATA AT MINIMUM | 0.47                  | 0.00          | 0.00          | 0.14          | 0.14          | 0.14           | 0.14           |
| ----- YEAR 2021 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.47                  | 0.00          | 0.00          | 0.13          | 0.13          | 0.13           | 0.13           |
| EMISSIONS DATA AT MINIMUM | 0.47                  | 0.00          | 0.00          | 0.13          | 0.13          | 0.13           | 0.13           |
| ----- YEAR 2022 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.47                  | 0.00          | 0.00          | 0.12          | 0.12          | 0.12           | 0.12           |
| EMISSIONS DATA AT MINIMUM | 0.47                  | 0.00          | 0.00          | 0.12          | 0.12          | 0.12           | 0.12           |
| ----- YEAR 2023 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2024 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2025 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2026 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2027 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2028 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2029 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2030 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2031 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2032 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2033 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2034 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2035 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2036 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2037 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2038 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2039 -----     |                       |               |               |               |               |                |                |
| ----- YEAR 2040 -----     |                       |               |               |               |               |                |                |
| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02             |               |               |               |               |                |                |
|                           | 201                   | 500           | 501           | 502           | 503           | 957            | 958            |
|                           | 0                     | DUMMY_OP<br>0 | DUMMY_IM<br>0 | DUMMY_AP<br>0 | DUMMY_KP<br>0 | RP2D_KP<br>957 | RP2D_IM<br>958 |
| ----- YEAR 2011 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.00                  | 0.00          | 0.00          | 0.00          | 0.00          | 0.87           | 0.00           |
| EMISSIONS DATA AT MINIMUM | 0.00                  | 0.00          | 0.00          | 0.00          | 0.00          | 0.87           | 0.00           |
| EMISSIONS DATA PROFILE    | 0                     | 0             | 0             | 0             | 0             | 0              | 0              |
| ----- YEAR 2012 -----     |                       |               |               |               |               |                |                |
| EMISSIONS DATA AT MAXIMUM | 0.00                  | 0.00          | 0.00          | 0.00          | 0.00          | 0.98           | 0.00           |
| EMISSIONS DATA AT MINIMUM | 0.00                  | 0.00          | 0.00          | 0.00          | 0.00          | 0.98           | 0.00           |



1 A Input Summary.txt

|                           |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|
| ----- YEAR 2013 -----     |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.06 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.06 | 0.00 |
| ----- YEAR 2014 -----     |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.53 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.53 | 0.00 |
| ----- YEAR 2015 -----     |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.47 | 0.00 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |           |      |                      |                      |                      |                      |                       |                       |
|---------------------------|-----------|------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 201  | 500<br>DUMMY_OP<br>0 | 501<br>DUMMY_IM<br>0 | 502<br>DUMMY_AP<br>0 | 503<br>DUMMY_KP<br>0 | 957<br>RP2D_KP<br>957 | 958<br>RP2D_IM<br>958 |
| ----- YEAR 2015 -----     |           |      |                      |                      |                      |                      |                       |                       |
| EMISSIONS DATA AT MAXIMUM |           | 0.00 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.47                  | 0.00                  |
| EMISSIONS DATA AT MINIMUM |           | 0.00 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.47                  | 0.00                  |
| ----- YEAR 2016 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2017 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2018 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2019 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2020 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2021 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2022 -----     |           |      |                      |                      |                      |                      |                       |                       |
| EMISSIONS DATA AT MAXIMUM |           | 0.00 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.47                  | 0.00                  |
| EMISSIONS DATA AT MINIMUM |           | 0.00 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.47                  | 0.00                  |
| ----- YEAR 2023 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2024 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2025 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2026 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2027 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2028 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2029 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2030 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2031 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2032 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2033 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2034 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2035 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2036 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2037 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2038 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2039 -----     |           |      |                      |                      |                      |                      |                       |                       |
| ----- YEAR 2040 -----     |           |      |                      |                      |                      |                      |                       |                       |

|                           |           |                        |                        |                        |                       |                        |                       |                       |
|---------------------------|-----------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|
| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 959<br>CSV6_SCR<br>959 | 960<br>CSV5_SCR<br>960 | 961<br>DUMMY_OP<br>961 | 962<br>BS2_FGD<br>962 | 963<br>DUMMY_KP<br>963 | 964<br>RP1D_KP<br>964 | 965<br>RP1D_03<br>965 |
| ----- YEAR 2011 -----     |           |                        |                        |                        |                       |                        |                       |                       |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.08                  | 0.00                   | 0.75                  | 0.00                  |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.08                  | 0.00                   | 0.75                  | 0.00                  |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                     | 0                      | 0                     | 0                     |
| ----- YEAR 2012 -----     |           |                        |                        |                        |                       |                        |                       |                       |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 1.66                  | 0.00                   | 0.75                  | 0.00                  |
| ----- YEAR 2013 -----     |           |                        |                        |                        |                       |                        |                       |                       |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 1.60                  | 0.00                   | 0.82                  | 0.00                  |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.08                  | 0.00                   | 0.82                  | 0.00                  |

1 A Input Summary.txt

| Year                      | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| ----- YEAR 2014 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 1.58                      | 0.00                      | 0.82                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.08                      | 0.00                      | 0.79                      | 0.00                      |                           |
| ----- YEAR 2015 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 1.58                      | 0.00                      | 0.79                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.08                      | 0.00                      | 0.79                      | 0.00                      |                           |
| ----- YEAR 2016 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| ----- YEAR 2017 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| ----- YEAR 2018 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| ----- YEAR 2019 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.10                      | 0.00                      | 0.12                      | 0.00                      |                           |
| ----- YEAR 2020 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2021 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2022 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 0.11                      | 0.00                      | 0.12                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.11                      | 0.00                      | 0.12                      | 0.00                      |                           |
| ----- YEAR 2023 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2024 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2025 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2026 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2027 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2028 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2029 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2030 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2031 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2032 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2033 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2034 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2035 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2036 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2037 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2038 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2039 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| ----- YEAR 2040 -----     |                           |                           |                           |                           |                           |                           |                           |                           |

EFFLUENT  
THERMAL UNIT

5 NSR S02

| 966      | 967      | 968      | 969      | 970      | 971      | 972      |
|----------|----------|----------|----------|----------|----------|----------|
| CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP |
| 966      | 967      | 968      | 969      | 970      | 971      | 972      |

| Year                      | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| ----- YEAR 2011 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 0.87                      | 0.00                      | 0.00                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.87                      | 0.00                      | 0.00                      | 0.00                      |                           |
| EMISSIONS DATA PROFILE    | 0                         | 0                         | 0                         | 0                         | 0                         | 0                         | 0                         |                           |
| ----- YEAR 2012 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 0.98                      | 0.00                      | 0.00                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 0.98                      | 0.00                      | 0.00                      | 0.00                      |                           |
| ----- YEAR 2013 -----     |                           |                           |                           |                           |                           |                           |                           |                           |
| EMISSIONS DATA AT MAXIMUM | 0.00                      | 0.00                      | 0.00                      | 1.06                      | 0.00                      | 0.00                      | 0.00                      |                           |
| EMISSIONS DATA AT MINIMUM | 0.00                      | 0.00                      | 0.00                      | 1.06                      | 0.00                      | 0.00                      | 0.00                      |                           |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT

5 NSR S02

| THERMAL UNIT              | 1 A Input Summary.txt  |                        |                        |                        |                        |                        |                        |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                           | 966<br>CR2_NGCC<br>966 | 967<br>CR1_NGCC<br>967 | 968<br>MR5_NGCC<br>968 | 969<br>RP2TR_KP<br>969 | 970<br>RP2TR_IM<br>970 | 971<br>DUMMY_OP<br>971 | 972<br>DUMMY_OP<br>972 |
| ----- YEAR 2014 -----     |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM | 0.00                   | 0.00                   | 0.00                   | 0.53                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM | 0.00                   | 0.00                   | 0.00                   | 0.53                   | 0.00                   | 0.00                   | 0.00                   |
| ----- YEAR 2015 -----     |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM | 0.00                   | 0.00                   | 0.00                   | 0.47                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM | 0.00                   | 0.00                   | 0.00                   | 0.47                   | 0.00                   | 0.00                   | 0.00                   |
| ----- YEAR 2016 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2017 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2018 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2019 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2020 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2021 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2022 -----     |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM | 0.00                   | 0.00                   | 0.00                   | 0.47                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM | 0.00                   | 0.00                   | 0.00                   | 0.47                   | 0.00                   | 0.00                   | 0.00                   |
| ----- YEAR 2023 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2024 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2025 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2026 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2027 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2028 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2029 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2030 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2031 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2032 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2033 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2034 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2035 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2036 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2037 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2038 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2039 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2040 -----     |                        |                        |                        |                        |                        |                        |                        |
| EFFLUENT<br>THERMAL UNIT  | 5 NSR SO2              |                        |                        |                        |                        |                        |                        |
|                           | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
| ----- YEAR 2011 -----     |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |
| ----- YEAR 2012 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2013 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2014 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2015 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2016 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2017 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2018 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2019 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2020 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2021 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2022 -----     |                        |                        |                        |                        |                        |                        |                        |
| ----- YEAR 2023 -----     |                        |                        |                        |                        |                        |                        |                        |

----- YEAR 2024 -----  
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 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR SO2 | 980<br>DUMMY_OP<br>980 | 981<br>DUMMY_OP<br>981 | 982<br>DUMMY_OP<br>982 | 983<br>DUMMY_OP<br>983 | 984<br>DUMMY_OP<br>984 | 985<br>DUMMY_OP<br>985 | 986<br>DUMMY_OP<br>986 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:19 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 5 NSR SO2 | 980<br>DUMMY_OP<br>980 | 981<br>DUMMY_OP<br>981 | 982<br>DUMMY_OP<br>982 | 983<br>DUMMY_OP<br>983 | 984<br>DUMMY_OP<br>984 | 985<br>DUMMY_OP<br>985 | 986<br>DUMMY_OP<br>986 |
|--------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2021 -----  
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 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

1 A Input Summary.txt

----- YEAR 2031 -----  
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 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|---------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2012 -----  
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 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 5 NSR S02 | 994<br>DUMMY_OP<br>994 | 995<br>DUMMY_OP<br>995 | 996<br>ML_KP20<br>996 | 997<br>ML_KP20<br>997 | 998<br>T4_TROMA<br>998 | 999<br>DUMMY_OP<br>999 |
|---------------------------|-----------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |           |                        |                        |                       |                       |                        |                        |
| EMISSIONS DATA AT MAXIMUM |           | 0.00                   | 0.00                   | 0.00                  | 0.00                  | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |           | 0.00                   | 0.00                   | 0.00                  | 0.00                  | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |           | 0                      | 0                      | 0                     | 0                     | 0                      | 0                      |

1 A Input Summary.txt

| Year      | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM |
|-----------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| YEAR 2012 | 0.00                      | 0.00                      | 0.14                      | 0.14                      | 0.00                      | 0.00                      |
| YEAR 2013 | 0.00                      | 0.00                      | 0.14                      | 0.14                      | 0.00                      | 0.00                      |
| YEAR 2014 | 0.00                      | 0.00                      | 0.15                      | 0.15                      | 0.00                      | 0.00                      |
| YEAR 2015 | 0.00                      | 0.00                      | 0.14                      | 0.14                      | 0.00                      | 0.00                      |
| YEAR 2016 |                           |                           |                           |                           |                           |                           |
| YEAR 2017 |                           |                           |                           |                           |                           |                           |
| YEAR 2018 |                           |                           |                           |                           |                           |                           |
| YEAR 2019 | 0.00                      | 0.00                      | 0.13                      | 0.13                      | 0.00                      | 0.00                      |
| YEAR 2020 | 0.00                      | 0.00                      | 0.14                      | 0.14                      | 0.00                      | 0.00                      |
| YEAR 2021 | 0.00                      | 0.00                      | 0.13                      | 0.13                      | 0.00                      | 0.00                      |
| YEAR 2022 | 0.00                      | 0.00                      | 0.12                      | 0.12                      | 0.00                      | 0.00                      |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
Strategist Page 365

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 5 NSR S02 | 994<br>DUMMY_OP | 995<br>DUMMY_OP | 996<br>ML_KP20 | 997<br>ML_KP20 | 998<br>T4_TROMA | 999<br>DUMMY_OP |
|--------------------------|-----------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|
|--------------------------|-----------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|

----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 1 | 2    | 3 | 4       | 5        | 6        | 7        |
|--------------------------|----------|---|------|---|---------|----------|----------|----------|
|                          | AMOS     | 1 | AMOS | 2 | AMOS_OP | 3        | BECKJORD | 4        |
|                          |          | 1 | 2    | 3 | 6       | BIG SAND | 1        | BIG SAND |
|                          |          |   |      |   |         | 2        | CARD     | 1+2      |
|                          |          |   |      |   |         |          |          | 1        |

----- YEAR 2011 -----

EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

1 A Input Summary.txt  
0.00 0.00 0.00 0.01 0.01 0.01 0.00  
0.00 0.00 0.00 0.01 0.01 0.01 0.00  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

6 HG (E)  
CARD 1+2 8 CARD 3 9 CLIFTY 10 CLIFTY 11 CLIFTY 12 CLIFTY 13 CLIFTY 14  
2 3 1 2 3 4 5

----- YEAR 2011 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
 Strategist Page 366

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 8<br>CARD 1+2<br>2 | 9<br>CARD 3<br>3 | 10<br>CLIFTY<br>1 | 11<br>CLIFTY<br>2 | 12<br>CLIFTY<br>3 | 13<br>CLIFTY<br>4 | 14<br>CLIFTY<br>5 |
|--------------------------|----------|--------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|--------------------------|----------|--------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 15<br>CLIFTY<br>6 | 16<br>CLINCH R<br>1 | 17<br>CLINCH R<br>2 | 18<br>CLINCH R<br>3 | 19<br>ROCKP_KP<br>1 | 20<br>ROCKP_KP<br>2 | 21<br>CSVL 1-4<br>3 |
|--------------------------|----------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|--------------------------|----------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|

|                           |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|
| ----- YEAR 2011 -----     |      |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

|                           |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|
| ----- YEAR 2012 -----     |      |      |      |      |      |      |      |      |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----



1 A Input Summary.txt

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 22<br>CSVL 1-4<br>4 | 23<br>CSVL 5+6<br>5 | 24<br>CSVL 5+6<br>6 | 25<br>D C COOK<br>1 | 26<br>D C COOK<br>2 | 27<br>GAVIN<br>1 | 28<br>GAVIN<br>2 |
|---------------------------|----------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|
| ----- YEAR 2011 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| EMISSIONS DATA AT MAXIMUM |          | 0.00                | 0.01                | 0.01                | 0.00                | 0.00                | 0.00             | 0.00             |
| EMISSIONS DATA AT MINIMUM |          | 0.00                | 0.01                | 0.01                | 0.00                | 0.00                | 0.00             | 0.00             |
| EMISSIONS DATA PROFILE    |          | 0                   | 0                   | 0                   | 0                   | 0                   | 0                | 0                |
| ----- YEAR 2012 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2013 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2014 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2015 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2016 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2017 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2018 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2019 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2020 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2021 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2022 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2023 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2024 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2025 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2026 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2027 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2028 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2029 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2030 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2031 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2032 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2033 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2034 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2035 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2036 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2037 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2038 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2039 -----     |          |                     |                     |                     |                     |                     |                  |                  |
| ----- YEAR 2040 -----     |          |                     |                     |                     |                     |                     |                  |                  |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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1 A Input Summary.txt  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 29<br>GLEN LYN<br>5 | 30<br>GLEN LYN<br>6 | 33<br>KAMMER<br>1 | 34<br>KAMMER<br>2 | 35<br>KAMMER<br>3 | 36<br>KANAUHA<br>1 | 37<br>KANAUHA<br>2 |
|---------------------------|----------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| ----- YEAR 2011 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| EMISSIONS DATA AT MAXIMUM |          | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.01               | 0.01               |
| EMISSIONS DATA AT MINIMUM |          | 0.00                | 0.00                | 0.00              | 0.00              | 0.00              | 0.01               | 0.01               |
| EMISSIONS DATA PROFILE    |          | 0                   | 0                   | 0                 | 0                 | 0                 | 0                  | 0                  |
| ----- YEAR 2012 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2013 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2014 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2015 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2016 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2017 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2018 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2019 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2020 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2021 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2022 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2023 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2024 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2025 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2026 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2027 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2028 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2029 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2030 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2031 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2032 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2033 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2034 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2035 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2036 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2037 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2038 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2039 -----     |          |                     |                     |                   |                   |                   |                    |                    |
| ----- YEAR 2040 -----     |          |                     |                     |                   |                   |                   |                    |                    |

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 38<br>KYGER<br>1 | 39<br>KYGER<br>2 | 40<br>KYGER<br>3 | 41<br>KYGER<br>4 | 42<br>KYGER<br>5 | 43<br>MITCHELL<br>1 | 44<br>MITCHELL<br>2 |
|---------------------------|----------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|
| ----- YEAR 2011 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| EMISSIONS DATA AT MAXIMUM |          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM |          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    |          | 0                | 0                | 0                | 0                | 0                | 0                   | 0                   |
| ----- YEAR 2012 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2013 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2014 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2015 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2016 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2017 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2018 -----     |          |                  |                  |                  |                  |                  |                     |                     |
| ----- YEAR 2019 -----     |          |                  |                  |                  |                  |                  |                     |                     |

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

6 HG (E)

|          |          |          |          |          |          |         |
|----------|----------|----------|----------|----------|----------|---------|
| 45       | 46       | 47       | 48       | 49       | 50       | 51      |
| MOUNT_ER | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | P SPORN |
| 1        | 1        | 2        | 3        | 4        | 5        | 1       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:20 V04.0 R03.0

NewEnergy Associates  
 Strategist Page 368

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
THERMAL UNIT

6 HG (E)

|          |          |          |          |          |          |         |
|----------|----------|----------|----------|----------|----------|---------|
| 45       | 46       | 47       | 48       | 49       | 50       | 51      |
| MOUNT_ER | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | P SPORN |
| 1        | 1        | 2        | 3        | 4        | 5        | 1       |

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----

1 A Input Summary.txt

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT                  | 6 HG (E) | 52      | 53      | 54      | 55      | 56     | 57       | 58       |
|---------------------------|----------|---------|---------|---------|---------|--------|----------|----------|
| THERMAL UNIT              |          | P SPORN | P SPORN | P SPORN | P SPORN | PICWAY | RPRET_IM | RPRUN_IM |
|                           |          | 2       | 3       | 4       | 5       | 5      | 1        | 1        |
| ----- YEAR 2011 -----     |          |         |         |         |         |        |          |          |
| EMISSIONS DATA AT MAXIMUM |          | 0.01    | 0.01    | 0.01    | 0.01    | 0.02   | 0.00     | 0.00     |
| EMISSIONS DATA AT MINIMUM |          | 0.01    | 0.01    | 0.01    | 0.01    | 0.02   | 0.00     | 0.00     |
| EMISSIONS DATA PROFILE    |          | 0       | 0       | 0       | 0       | 0      | 0        | 0        |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2026 -----  
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 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT

6 HG (E)

| 1 A Input Summary.txt     |                     |                   |                   |                   |                   |                    |                     |
|---------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
| THERMAL UNIT              | 59<br>ROCKP_IM<br>2 | 61<br>STUART<br>1 | 62<br>STUART<br>2 | 63<br>STUART<br>3 | 64<br>STUART<br>4 | 65<br>AMOS_AP<br>3 | 66<br>TANN 1-3<br>1 |
| ----- YEAR 2011 -----     |                     |                   |                   |                   |                   |                    |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                | 0.00              | 0.00              | 0.00              | 0.00              | 0.00               | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                | 0.00              | 0.00              | 0.00              | 0.00              | 0.00               | 0.00                |
| EMISSIONS DATA PROFILE    | 0                   | 0                 | 0                 | 0                 | 0                 | 0                  | 0                   |
| ----- YEAR 2012 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2013 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2014 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2015 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2016 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2017 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2018 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2019 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2020 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2021 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2022 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2023 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2024 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2025 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2026 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2027 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2028 -----     |                     |                   |                   |                   |                   |                    |                     |
| ----- YEAR 2029 -----     |                     |                   |                   |                   |                   |                    |                     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
‡ 02/12/13 08:27:20 V04.0 R03.0

NewEnergy Associates  
Strategist Page 369

| AEP EAST<br>GENERATION AND FUEL MODULE<br>INPUT SUMMARY REPORT |                                 |                     |                   |                   |                     |                     |                     |
|----------------------------------------------------------------|---------------------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| QUALIFIER = GAF.INPUT.THERMAL UNIT.                            |                                 |                     |                   |                   |                     |                     |                     |
| EFFLUENT<br>THERMAL UNIT                                       | 6 HG (E)<br>59<br>ROCKP_IM<br>2 | 61<br>STUART<br>1   | 62<br>STUART<br>2 | 63<br>STUART<br>3 | 64<br>STUART<br>4   | 65<br>AMOS_AP<br>3  | 66<br>TANN 1-3<br>1 |
| ----- YEAR 2030 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2031 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2032 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2033 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2034 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2035 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2036 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2037 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2038 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2039 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2040 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| EFFLUENT<br>THERMAL UNIT                                       | 6 HG (E)<br>67<br>TANN 1-3<br>2 | 68<br>TANN 1-3<br>3 | 69<br>TANN 4<br>4 | 70<br>ZIMMER<br>1 | 71<br>ROBTMONE<br>1 | 72<br>ROBTMONE<br>2 | 73<br>ROBTMONE<br>3 |
| ----- YEAR 2011 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| EMISSIONS DATA AT MAXIMUM                                      | 0.00                            | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM                                      | 0.00                            | 0.00                | 0.00              | 0.00              | 0.00                | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE                                         | 0                               | 0                   | 0                 | 0                 | 0                   | 0                   | 0                   |
| ----- YEAR 2012 -----                                          |                                 |                     |                   |                   |                     |                     |                     |
| ----- YEAR 2013 -----                                          |                                 |                     |                   |                   |                     |                     |                     |

1 A Input Summary.txt

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

6 HG (E)

|  | 75<br>CEREDO<br>1 | 76<br>CEREDO<br>2 | 77<br>CEREDO<br>3 | 78<br>CEREDO<br>4 | 79<br>CEREDO<br>5 | 80<br>CEREDO<br>6 | 81<br>DARBY<br>1 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E)<br>75<br>CEREDO<br>1 | 76<br>CEREDO<br>2 | 77<br>CEREDO<br>3 | 78<br>CEREDO<br>4 | 79<br>CEREDO<br>5 | 80<br>CEREDO<br>6   | 81<br>DARBY<br>1    |
|---------------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| ----- YEAR 2040 -----     |                               |                   |                   |                   |                   |                     |                     |
| EFFLUENT<br>THERMAL UNIT  | 6 HG (E)<br>82<br>DARBY<br>2  | 83<br>DARBY<br>3  | 84<br>DARBY<br>4  | 85<br>DARBY<br>5  | 86<br>DARBY<br>6  | 87<br>LWBG WIN<br>1 | 88<br>LWBG WIN<br>2 |
| ----- YEAR 2011 -----     |                               |                   |                   |                   |                   |                     |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00                          | 0.00              | 0.00              | 0.00              | 0.00              | 0.00                | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00                          | 0.00              | 0.00              | 0.00              | 0.00              | 0.00                | 0.00                |
| EMISSIONS DATA PROFILE    | 0                             | 0                 | 0                 | 0                 | 0                 | 0                   | 0                   |
| ----- YEAR 2012 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2013 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2014 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2015 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2016 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2017 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2018 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2019 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2020 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2021 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2022 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2023 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2024 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2025 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2026 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2027 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2028 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2029 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2030 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2031 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2032 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2033 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2034 -----     |                               |                   |                   |                   |                   |                     |                     |
| ----- YEAR 2035 -----     |                               |                   |                   |                   |                   |                     |                     |

1 A Input Summary.txt

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E)            |                     |                    |                  |                    |                  |                    |
|---------------------------|---------------------|---------------------|--------------------|------------------|--------------------|------------------|--------------------|
|                           | 89<br>LWBG SMR<br>1 | 90<br>LWBG SMR<br>2 | 91<br>WATR CC<br>1 | 92<br>WATR2<br>1 | 93<br>DRESDEN<br>1 | 94<br>DRES2<br>1 | 96<br>CT_APC0<br>1 |
| ----- YEAR 2011 -----     |                     |                     |                    |                  |                    |                  |                    |
| EMISSIONS DATA AT MAXIMUM | 0.00                | 0.00                | 0.00               | 0.00             | 0.00               | 0.00             | 0.00               |
| EMISSIONS DATA AT MINIMUM | 0.00                | 0.00                | 0.00               | 0.00             | 0.00               | 0.00             | 0.00               |
| EMISSIONS DATA PROFILE    | 0                   | 0                   | 0                  | 0                | 0                  | 0                | 0                  |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E)           |                    |                     |                     |                    |                    |                     |
|---------------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|
|                           | 97<br>CC_APC0<br>1 | 98<br>IGCC AP<br>1 | 99<br>PC_UL_AP<br>1 | 100<br>Nuke_AP<br>1 | 101<br>CT_I&M<br>1 | 102<br>CC_I&M<br>1 | 103<br>IGCC IM<br>1 |
| ----- YEAR 2011 -----     |                    |                    |                     |                     |                    |                    |                     |
| EMISSIONS DATA AT MAXIMUM | 0.00               | 0.00               | 0.00                | 0.00                | 0.00               | 0.00               | 0.00                |
| EMISSIONS DATA AT MINIMUM | 0.00               | 0.00               | 0.00                | 0.00                | 0.00               | 0.00               | 0.00                |
| EMISSIONS DATA PROFILE    | 0                  | 0                  | 0                   | 0                   | 0                  | 0                  | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----



NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 97<br>CC_APCO | 98<br>IGCC AP | 99<br>PC_UL_AP | 100<br>Nuke_AP | 101<br>CT_I&M | 102<br>CC_I&M | 103<br>IGCC IM |
|--------------------------|----------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| ----- YEAR 2016 -----    |          | 1             | 1             | 1              | 1              | 1             | 1             | 1              |
| ----- YEAR 2017 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2018 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2019 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2020 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2021 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2022 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2023 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2024 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2025 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2026 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2027 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2028 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2029 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2030 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2031 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2032 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2033 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2034 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2035 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2036 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2037 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2038 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2039 -----    |          |               |               |                |                |               |               |                |
| ----- YEAR 2040 -----    |          |               |               |                |                |               |               |                |

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 104<br>PC_UL_IM | 105<br>NUKE_IM | 106<br>CT_KPCO | 107<br>CC_KPCO | 108<br>IGCC KP | 109<br>PC_UL_KP | 110<br>NUKE_KP |
|---------------------------|----------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| ----- YEAR 2011 -----     |          | 1               | 1              | 1              | 1              | 1              | 1               | 1              |
| EMISSIONS DATA AT MAXIMUM |          | 0.00            | 0.00           | 0.00           | 0.00           | 0.00           | 0.00            | 0.00           |
| EMISSIONS DATA AT MINIMUM |          | 0.00            | 0.00           | 0.00           | 0.00           | 0.00           | 0.00            | 0.00           |
| EMISSIONS DATA PROFILE    |          | 0               | 0              | 0              | 0              | 0              | 0               | 0              |
| ----- YEAR 2012 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2013 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2014 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2015 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2016 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2017 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2018 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2019 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2020 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2021 -----     |          |                 |                |                |                |                |                 |                |
| ----- YEAR 2022 -----     |          |                 |                |                |                |                |                 |                |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 111<br>CT_OHIO<br>1 | 112<br>CC_OH<br>1 | 113<br>IGCC OH<br>1 | 114<br>PC_UL_OH<br>1 | 115<br>NUKE OH<br>1 | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1 |
|---------------------------|----------|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| ----- YEAR 2011 -----     |          |                     |                   |                     |                      |                     |                      |                     |
| EMISSIONS DATA AT MAXIMUM |          | 0.00                | 0.00              | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                |
| EMISSIONS DATA AT MINIMUM |          | 0.00                | 0.00              | 0.00                | 0.00                 | 0.00                | 0.00                 | 0.00                |
| EMISSIONS DATA PROFILE    |          | 0                   | 0                 | 0                   | 0                    | 0                   | 0                    | 0                   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:21 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 111<br>CT_OHIO<br>1 | 112<br>CC_OH<br>1 | 113<br>IGCC OH<br>1 | 114<br>PC_UL_OH<br>1 | 115<br>NUKE OH<br>1 | 116<br>CC_FA_KP<br>1 | 118<br>BS1_Gas<br>1 |
|--------------------------|----------|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| ----- YEAR 2026 -----    |          |                     |                   |                     |                      |                     |                      |                     |
| ----- YEAR 2027 -----    |          |                     |                   |                     |                      |                     |                      |                     |
| ----- YEAR 2028 -----    |          |                     |                   |                     |                      |                     |                      |                     |
| ----- YEAR 2029 -----    |          |                     |                   |                     |                      |                     |                      |                     |

1 A Input Summary.txt

----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

6 HG (E)

|         |         |         |         |          |          |          |
|---------|---------|---------|---------|----------|----------|----------|
| 119     | 120     | 121     | 122     | 126      | 127      | 129      |
| BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CR1_NGCC |
| 1       | 1       | 23      | 1       | 5        | 6        | 1        |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

6 HG (E)

|          |          |         |         |         |          |         |
|----------|----------|---------|---------|---------|----------|---------|
| 130      | 131      | 132     | 133     | 134     | 135      | 136     |
| CR2_NGCC | MR5_NGCC | MR5_FGD | RP1D_IM | RP2D_IM | TAN4_FGD | RP1D_KP |
| 2        | 5        | 5       | 1       | 2       | 4        | 1       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|

EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE

1 A Input Summary.txt  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
# 02/12/13 08:27:21 V04.0 R03.0

NewEnergy Associates  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
THERMAL UNIT

6 HG (E)

130 131 132 133 134 135 136  
CR2\_NGCC MR5\_NGCC MR5\_FGD RP1D\_IM RP2D\_IM TAN4\_FGD RP1D\_KP  
2 5 5 1 2 4 1

----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

6 HG (E)

137 144 153 185 186 187 188  
RP2D\_KP TC4\_ESP MTN\_18% RP1D\_03 RP1TR\_IM RP2TR\_IM RP1TR\_KP  
2 4 1 1 1 2 1

----- YEAR 2011 -----  
EMISSIONS DATA AT MAXIMUM  
EMISSIONS DATA AT MINIMUM  
EMISSIONS DATA PROFILE  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----

0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0.00 0.00 0.00 0.00 0.00 0.00 0.00  
0 0 0 0 0 0 0

1 A Input Summary.txt

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
 THERMAL UNIT

6 HG (E)

|          |          |          |         |         |         |         |
|----------|----------|----------|---------|---------|---------|---------|
| 189      | 190      | 191      | 193     | 194     | 195     | 196     |
| RP2TR_KP | T4_TROMA | T4_TRCCR | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 |
| 2        | 4        | 4        | 1       | 2       | 1       | 2       |

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
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 ----- YEAR 2024 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

1 A Input Summary.txt

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 201  | 500<br>DUMMY_OP | 501<br>DUMMY_IM | 502<br>DUMMY_AP | 503<br>DUMMY_KP | 957<br>RP2D_KP | 958<br>RP2D_IM |
|---------------------------|----------|------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
|                           |          | 0    | 0               | 0               | 0               | 0               | 957            | 958            |
| ----- YEAR 2011 -----     |          |      |                 |                 |                 |                 |                |                |
| EMISSIONS DATA AT MAXIMUM |          | 0.00 | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00           |
| EMISSIONS DATA AT MINIMUM |          | 0.00 | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00           |
| EMISSIONS DATA PROFILE    |          | 0    | 0               | 0               | 0               | 0               | 0              | 0              |

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 201 | 500<br>DUMMY_OP | 501<br>DUMMY_IM | 502<br>DUMMY_AP | 503<br>DUMMY_KP | 957<br>RP2D_KP | 958<br>RP2D_IM |
|--------------------------|----------|-----|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
|                          |          | 0   | 0               | 0               | 0               | 0               | 957            | 958            |
| ----- YEAR 2012 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2013 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2014 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2015 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2016 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2017 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2018 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2019 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2020 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2021 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2022 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2023 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2024 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2025 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2026 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2027 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2028 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2029 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2030 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2031 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2032 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2033 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2034 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2035 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2036 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2037 -----    |          |     |                 |                 |                 |                 |                |                |
| ----- YEAR 2038 -----    |          |     |                 |                 |                 |                 |                |                |

1 A Input Summary.txt

----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 959<br>CSV6_SCR<br>959 | 960<br>CSV5_SCR<br>960 | 961<br>DUMMY_OP<br>961 | 962<br>BS2_FGD<br>962 | 963<br>DUMMY_KP<br>963 | 964<br>RP1D_KP<br>964 | 965<br>RP1D_03<br>965 |
|---------------------------|----------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|
| EMISSIONS DATA AT MAXIMUM |          | 0.00                   | 0.00                   | 0.00                   | 0.01                  | 0.00                   | 0.00                  | 0.00                  |
| EMISSIONS DATA AT MINIMUM |          | 0.00                   | 0.00                   | 0.00                   | 0.01                  | 0.00                   | 0.00                  | 0.00                  |
| EMISSIONS DATA PROFILE    |          | 0                      | 0                      | 0                      | 0                     | 0                      | 0                     | 0                     |

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 966<br>CR2_NGCC<br>966 | 967<br>CR1_NGCC<br>967 | 968<br>MR5_NGCC<br>968 | 969<br>RP2TR_KP<br>969 | 970<br>RP2TR_IM<br>970 | 971<br>DUMMY_OP<br>971 | 972<br>DUMMY_OP<br>972 |
|---------------------------|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| EMISSIONS DATA AT MAXIMUM |          | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |          | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |          | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2011 -----  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

----- YEAR 2020 -----  
 ----- YEAR 2021 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 966<br>CR2_NGCC<br>966 | 967<br>CR1_NGCC<br>967 | 968<br>MR5_NGCC<br>968 | 969<br>RP2TR_KP<br>969 | 970<br>RP2TR_IM<br>970 | 971<br>DUMMY_OP<br>971 | 972<br>DUMMY_OP<br>972 |
|--------------------------|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT | 6 HG (E) | 973<br>DUMMY_OP<br>973 | 974<br>DUMMY_OP<br>974 | 975<br>DUMMY_OP<br>975 | 976<br>DUMMY_OP<br>976 | 977<br>DUMMY_OP<br>977 | 978<br>DUMMY_OP<br>978 | 979<br>DUMMY_OP<br>979 |
|--------------------------|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2011 -----  
 EMISSIONS DATA AT MAXIMUM  
 EMISSIONS DATA AT MINIMUM  
 EMISSIONS DATA PROFILE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |



----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

EFFLUENT  
THERMAL UNIT

6 HG (E)

| 980      | 981      | 982      | 983      | 984      | 985      | 986      |
|----------|----------|----------|----------|----------|----------|----------|
| DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 980      | 981      | 982      | 983      | 984      | 985      | 986      |

|                           |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE    | 0    | 0    | 0    | 0    | 0    | 0    |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT  
THERMAL UNIT

6 HG (E)

| 980      | 981      | 982      | 983      | 984      | 985      | 986      |
|----------|----------|----------|----------|----------|----------|----------|
| DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 980      | 981      | 982      | 983      | 984      | 985      | 986      |

----- YEAR 2032 -----

1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 987<br>DUMMY_OP<br>987 | 988<br>DUMMY_OP<br>988 | 989<br>DUMMY_OP<br>989 | 990<br>DUMMY_OP<br>990 | 991<br>DUMMY_OP<br>991 | 992<br>DUMMY_OP<br>992 | 993<br>DUMMY_OP<br>993 |
|---------------------------|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |          |                        |                        |                        |                        |                        |                        |                        |
| EMISSIONS DATA AT MAXIMUM |          | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |          | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |          | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      | 0                      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2020 -----  
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 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

| EFFLUENT<br>THERMAL UNIT  | 6 HG (E) | 994<br>DUMMY_OP<br>994 | 995<br>DUMMY_OP<br>995 | 996<br>ML_KP20<br>996 | 997<br>ML_KP20<br>997 | 998<br>T4_TRONA<br>998 | 999<br>DUMMY_OP<br>999 |
|---------------------------|----------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|
| ----- YEAR 2011 -----     |          |                        |                        |                       |                       |                        |                        |
| EMISSIONS DATA AT MAXIMUM |          | 0.00                   | 0.00                   | 0.00                  | 0.00                  | 0.00                   | 0.00                   |
| EMISSIONS DATA AT MINIMUM |          | 0.00                   | 0.00                   | 0.00                  | 0.00                  | 0.00                   | 0.00                   |
| EMISSIONS DATA PROFILE    |          | 0                      | 0                      | 0                     | 0                     | 0                      | 0                      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----

1 A Input Summary.txt

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
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 ----- YEAR 2019 -----  
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 ----- YEAR 2021 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT              | 1       | AMOS   | 1 |
|---------------------------|---------|--------|---|
| UNIT FUELS                |         |        | 1 |
| ----- YEAR 2011 -----     |         |        |   |
| MINIMUM BURN PCT          | %       | 100.00 |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.08   |   |
| UNIT FUEL TYPE            | FUEL ID | 1      |   |
| ----- YEAR 2012 -----     |         |        |   |
| ----- YEAR 2013 -----     |         |        |   |
| ----- YEAR 2014 -----     |         |        |   |
| ----- YEAR 2015 -----     |         |        |   |
| ----- YEAR 2016 -----     |         |        |   |
| ----- YEAR 2017 -----     |         |        |   |
| ----- YEAR 2018 -----     |         |        |   |
| ----- YEAR 2019 -----     |         |        |   |
| ----- YEAR 2020 -----     |         |        |   |
| ----- YEAR 2021 -----     |         |        |   |
| ----- YEAR 2022 -----     |         |        |   |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |   |      |   |
|--------------|---|------|---|
| THERMAL UNIT | 2 | AMOS | 2 |
| UNIT FUELS   |   |      | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.08   |
| UNIT FUEL TYPE            | FUEL ID | 2      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
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 ----- YEAR 2018 -----  
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 ----- YEAR 2020 -----  
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 ----- YEAR 2030 -----  
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 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT              | 4       | BECKJORD | 6 |
|---------------------------|---------|----------|---|
| UNIT FUELS                |         |          | 1 |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.11     |   |
| UNIT FUEL TYPE            | FUEL ID |          | 4 |
| ----- YEAR 2012 -----     |         |          |   |
| ----- YEAR 2013 -----     |         |          |   |
| ----- YEAR 2014 -----     |         |          |   |

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |   |          |   |
|--------------|---|----------|---|
| THERMAL UNIT | 5 | BIG SAND | 1 |
| UNIT FUELS   |   |          | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS       $/MBTU           0.06
UNIT FUEL TYPE                  FUEL ID           5

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

|                           |         |          |        |
|---------------------------|---------|----------|--------|
| THERMAL UNIT              | 5       | BIG SAND | 1      |
| UNIT FUELS                |         |          | 1      |
| ----- YEAR 2036 -----     |         |          |        |
| ----- YEAR 2037 -----     |         |          |        |
| ----- YEAR 2038 -----     |         |          |        |
| ----- YEAR 2039 -----     |         |          |        |
| ----- YEAR 2040 -----     |         |          |        |
| THERMAL UNIT              | 6       | BIG SAND | 2      |
| UNIT FUELS                |         |          | 1      |
| ----- YEAR 2011 -----     |         |          |        |
| MINIMUM BURN PCT          | %       |          | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.05   |
| UNIT FUEL TYPE            | FUEL ID |          | 6      |
| ----- YEAR 2012 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.10   |
| ----- YEAR 2013 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.12   |
| ----- YEAR 2014 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.12   |
| ----- YEAR 2015 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.02   |
| ----- YEAR 2016 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.42   |
| ----- YEAR 2017 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.44   |
| ----- YEAR 2018 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.47   |
| ----- YEAR 2019 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.49   |
| ----- YEAR 2020 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.51   |
| ----- YEAR 2021 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.14   |
| ----- YEAR 2022 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.54   |
| ----- YEAR 2023 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.56   |
| ----- YEAR 2024 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.59   |
| ----- YEAR 2025 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.62   |
| ----- YEAR 2026 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.65   |
| ----- YEAR 2027 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.68   |
| ----- YEAR 2028 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.71   |
| ----- YEAR 2029 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.74   |

|                           |         |          |      |
|---------------------------|---------|----------|------|
| ----- YEAR 2030 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.77 |
| ----- YEAR 2031 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.81 |
| ----- YEAR 2032 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.85 |
| ----- YEAR 2033 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.89 |
| ----- YEAR 2034 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.93 |
| ----- YEAR 2035 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.97 |
| ----- YEAR 2036 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.02 |
| ----- YEAR 2037 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.06 |
| ----- YEAR 2038 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.11 |
| ----- YEAR 2039 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.17 |
| ----- YEAR 2040 -----     |         |          |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.22 |
| THERMAL UNIT              | 7       | CARD 1+2 | 1    |
| UNIT FUELS                |         |          | 1    |
| ----- YEAR 2011 -----     |         |          |      |
| MINIMUM BURN PCT          | %       |          | 0.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.08 |
| UNIT FUEL TYPE            | FUEL ID |          | 7    |
| ----- YEAR 2012 -----     |         |          |      |
| ----- YEAR 2013 -----     |         |          |      |
| ----- YEAR 2014 -----     |         |          |      |
| ----- YEAR 2015 -----     |         |          |      |
| ----- YEAR 2016 -----     |         |          |      |
| ----- YEAR 2017 -----     |         |          |      |
| ----- YEAR 2018 -----     |         |          |      |
| ----- YEAR 2019 -----     |         |          |      |
| ----- YEAR 2020 -----     |         |          |      |
| ----- YEAR 2021 -----     |         |          |      |
| ----- YEAR 2022 -----     |         |          |      |
| ----- YEAR 2023 -----     |         |          |      |
| ----- YEAR 2024 -----     |         |          |      |
| ----- YEAR 2025 -----     |         |          |      |
| ----- YEAR 2026 -----     |         |          |      |
| ----- YEAR 2027 -----     |         |          |      |
| ----- YEAR 2028 -----     |         |          |      |
| ----- YEAR 2029 -----     |         |          |      |
| ----- YEAR 2030 -----     |         |          |      |
| ----- YEAR 2031 -----     |         |          |      |
| ----- YEAR 2032 -----     |         |          |      |
| ----- YEAR 2033 -----     |         |          |      |
| ----- YEAR 2034 -----     |         |          |      |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.THERMAL UNIT.



|                       |   |          |   |
|-----------------------|---|----------|---|
| THERMAL UNIT          | 7 | CARD 1+2 | 1 |
| UNIT FUELS            |   |          | 1 |
| ----- YEAR 2035 ----- |   |          |   |
| ----- YEAR 2036 ----- |   |          |   |
| ----- YEAR 2037 ----- |   |          |   |
| ----- YEAR 2038 ----- |   |          |   |
| ----- YEAR 2039 ----- |   |          |   |
| ----- YEAR 2040 ----- |   |          |   |

|                           |         |          |   |
|---------------------------|---------|----------|---|
| THERMAL UNIT              | 8       | CARD 1+2 | 2 |
| UNIT FUELS                |         |          | 1 |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.08     |   |
| UNIT FUEL TYPE            | FUEL ID | 8        |   |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|                           |         |        |   |
|---------------------------|---------|--------|---|
| THERMAL UNIT              | 9       | CARD 3 | 3 |
| UNIT FUELS                |         |        | 1 |
| ----- YEAR 2011 -----     |         |        |   |
| MINIMUM BURN PCT          | %       | 100.00 |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.08   |   |
| UNIT FUEL TYPE            | FUEL ID | 9      |   |
| ----- YEAR 2012 -----     |         |        |   |
| ----- YEAR 2013 -----     |         |        |   |
| ----- YEAR 2014 -----     |         |        |   |
| ----- YEAR 2015 -----     |         |        |   |
| ----- YEAR 2016 -----     |         |        |   |

```

----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

THERMAL UNIT          10    CLIFTY    1
UNIT FUELS           1
----- YEAR 2011 -----
MINIMUM BURN PCT      %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU    0.00
UNIT FUEL TYPE        FUEL ID     10
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----

```

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          10    CLIFTY    1
UNIT FUELS           1
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

```

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----  
  
 THERMAL UNIT  
 UNIT FUELS  
  
 ----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

11 CLIFTY 2  
 1

% 100.00  
 \$/MBTU 0.00  
 FUEL ID 11

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 12 | CLIFTY | 3 |
| UNIT FUELS   |    |        | 1 |

----- YEAR 2011 -----

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 12     |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

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Strategist Page 382

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 12 | CLIFTY | 3 |
| UNIT FUELS   |    |        | 1 |

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 13 | CLIFTY | 4 |
| UNIT FUELS   |    |        | 1 |

----- YEAR 2011 -----

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 13     |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

14 CLIFTY 5  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

% 100.00  
 \$/MBTU 0.00  
 FUEL ID 14

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 15 | CLIFTY | 6 |
| UNIT FUELS   |    | 1      |   |

----- YEAR 2011 -----

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 15     |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |          |   |
|--------------|----|----------|---|
| THERMAL UNIT | 16 | CLINCH R | 1 |
| UNIT FUELS   |    | 1        |   |

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|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.11   |
| UNIT FUEL TYPE            | FUEL ID | 16     |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |    |          |   |
|--------------|----|----------|---|
| THERMAL UNIT | 17 | CLINCH R | 2 |
| UNIT FUELS   |    |          | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.11   |
| UNIT FUEL TYPE            | FUEL ID | 17     |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                       |    |          |   |
|-----------------------|----|----------|---|
| THERMAL UNIT          | 17 | CLINCH R | 2 |
| UNIT FUELS            |    | 1        |   |
| ----- YEAR 2023 ----- |    |          |   |
| ----- YEAR 2024 ----- |    |          |   |
| ----- YEAR 2025 ----- |    |          |   |
| ----- YEAR 2026 ----- |    |          |   |
| ----- YEAR 2027 ----- |    |          |   |
| ----- YEAR 2028 ----- |    |          |   |
| ----- YEAR 2029 ----- |    |          |   |
| ----- YEAR 2030 ----- |    |          |   |
| ----- YEAR 2031 ----- |    |          |   |
| ----- YEAR 2032 ----- |    |          |   |
| ----- YEAR 2033 ----- |    |          |   |
| ----- YEAR 2034 ----- |    |          |   |
| ----- YEAR 2035 ----- |    |          |   |
| ----- YEAR 2036 ----- |    |          |   |
| ----- YEAR 2037 ----- |    |          |   |
| ----- YEAR 2038 ----- |    |          |   |
| ----- YEAR 2039 ----- |    |          |   |
| ----- YEAR 2040 ----- |    |          |   |
|                       |    |          |   |
| THERMAL UNIT          | 18 | CLINCH R | 3 |
| UNIT FUELS            |    | 1        |   |
| ----- YEAR 2011 ----- |    |          |   |
| ----- YEAR 2012 ----- |    |          |   |
| ----- YEAR 2013 ----- |    |          |   |
| ----- YEAR 2014 ----- |    |          |   |
| ----- YEAR 2015 ----- |    |          |   |
| ----- YEAR 2016 ----- |    |          |   |
| ----- YEAR 2017 ----- |    |          |   |
| ----- YEAR 2018 ----- |    |          |   |
| ----- YEAR 2019 ----- |    |          |   |
| ----- YEAR 2020 ----- |    |          |   |
| ----- YEAR 2021 ----- |    |          |   |
| ----- YEAR 2022 ----- |    |          |   |
| ----- YEAR 2023 ----- |    |          |   |
| ----- YEAR 2024 ----- |    |          |   |
| ----- YEAR 2025 ----- |    |          |   |
| ----- YEAR 2026 ----- |    |          |   |
| ----- YEAR 2027 ----- |    |          |   |
| ----- YEAR 2028 ----- |    |          |   |
| ----- YEAR 2029 ----- |    |          |   |
| ----- YEAR 2030 ----- |    |          |   |
| ----- YEAR 2031 ----- |    |          |   |
| ----- YEAR 2032 ----- |    |          |   |
| ----- YEAR 2033 ----- |    |          |   |
| ----- YEAR 2034 ----- |    |          |   |

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.11   |
| UNIT FUEL TYPE            | FUEL ID | 18     |





1 A Input Summary.txt

|                           |         |          |        |
|---------------------------|---------|----------|--------|
| ----- YEAR 2033 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.02   |
| ----- YEAR 2034 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.05   |
| ----- YEAR 2035 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.07   |
| ----- YEAR 2036 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.09   |
| ----- YEAR 2037 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.12   |
| ----- YEAR 2038 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.14   |
| ----- YEAR 2039 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.17   |
| ----- YEAR 2040 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.20   |
| THERMAL UNIT              | 20      | ROCKP_KP | 2      |
| UNIT FUELS                |         |          | 1      |
| ----- YEAR 2011 -----     |         |          |        |
| MINIMUM BURN PCT          | %       |          | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.00   |
| UNIT FUEL TYPE            | FUEL ID |          | 59     |
| ----- YEAR 2012 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.15   |
| ----- YEAR 2013 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.16   |
| ----- YEAR 2014 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.51   |
| ----- YEAR 2015 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.55   |
| ----- YEAR 2016 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.58   |
| ----- YEAR 2017 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.61   |
| ----- YEAR 2018 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.65   |
| ----- YEAR 2019 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.67   |
| ----- YEAR 2020 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.70   |
| ----- YEAR 2021 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.72   |
| ----- YEAR 2022 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.74   |
| ----- YEAR 2023 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.76   |
| ----- YEAR 2024 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.78   |
| ----- YEAR 2025 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.80   |
| ----- YEAR 2026 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.83   |
| ----- YEAR 2027 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.85   |
| ----- YEAR 2028 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.88   |
| ----- YEAR 2029 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.90   |
| ----- YEAR 2030 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.93   |
| ----- YEAR 2031 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.95   |
| ----- YEAR 2032 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.98   |
| ----- YEAR 2033 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.01   |

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```

----- YEAR 2034 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.04

----- YEAR 2035 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.07

----- YEAR 2036 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.10

----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.13

----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.16

----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.20

----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.23

      THERMAL UNIT          21      CSVL 1-4      3
      UNIT FUELS              1

----- YEAR 2011 -----
MINIMUM BURN PCT                %          100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.07
UNIT FUEL TYPE                 FUEL ID      21

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

```

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

      THERMAL UNIT          21      CSVL 1-4      3
      UNIT FUELS              1

----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----

```

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |    |          |   |
|--------------|----|----------|---|
| THERMAL UNIT | 22 | CSVL 1-4 | 4 |
| UNIT FUELS   |    |          | 1 |

----- YEAR 2011 -----

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.10   |
| UNIT FUEL TYPE            | FUEL ID | 22     |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- VFAP 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

YEAD 2020

----- YEAR 2040 -----

|              |    |          |   |
|--------------|----|----------|---|
| THERMAL UNIT | 23 | CSVL 5+6 | 5 |
| UNIT FUELS   |    |          | 1 |

----- YEAR 2011 -----

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.07   |
| UNIT FUEL TYPE            | FUEL ID | 23     |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

===== YEAR 2016 =====

-----VEBP 2017-----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

YEAR 2021

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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 Strategist Page 387

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 23 CSVL 5+6 5  
 UNIT FUELS 1

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 24 CSVL 5+6 6  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.07  
 UNIT FUEL TYPE FUEL ID 24

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----

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----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|         |        |
|---------|--------|
| %       | 100.00 |
| \$/MBTU | 0.00   |
| FUEL ID | 26     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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Strategist Page 388

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |          |   |
|--------------|----|----------|---|
| THERMAL UNIT | 26 | D C COOK | 2 |
| UNIT FUELS   |    |          | 1 |

----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 27 | GAVIN | 1 |
| UNIT FUELS   |    |       | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.06   |
| UNIT FUEL TYPE            | FUEL ID | 27     |

----- YEAR 2011 -----  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 28 | GAVIN | 2 |
| UNIT FUELS   |    |       | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU             0.06
UNIT FUEL TYPE                  FUEL ID            28

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |

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Strategist Page 389

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 28 | GAVIN | 2 |
| UNIT FUELS   |    |       | 1 |

```

----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----

```



----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

29 GLEN LYN 5  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

% 100.00  
 \$/MBTU 0.23  
 FUEL ID 29

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

30 GLEN LYN 6  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

% 100.00  
 \$/MBTU 0.23  
 FUEL ID 30

----- YEAR 2012 -----

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 30 GLEN LYN 6  
 UNIT FUELS 1

----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 31 0  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00  
 UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

32                      1                      0

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                      100.00  
 \$/MBTU                0.00  
 FUEL ID                0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|          |        |
|----------|--------|
| %        | 100.00 |
| \$ /MBTU | 0.20   |
| FUEL ID  | 33     |

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----

```

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Strategist Page 391

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 34 | KAMMER | 2 |
| UNIT FUELS   |    |        | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|         |        |
|---------|--------|
| %       | 100.00 |
| \$/MBTU | 0.20   |
| FUEL ID | 34     |

----- YEAR 2012 -----

1 A Input Summary.txt

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 35 | KAMMER | 3 |
| UNIT FUELS   |    |        | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS       $/MBTU           0.20
UNIT FUEL TYPE                  FUEL ID           35

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
 ‡ 02/12/13 08:27:24 V04.0 R03.0

NewEnergy Associates  
 Strategist Page 392

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 35 KAMMER 3  
 UNIT FUELS 1

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 36 KANAOWHA 1  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.10  
 UNIT FUEL TYPE FUEL ID 36

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

```
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
```

|              |    |         |   |
|--------------|----|---------|---|
| THERMAL UNIT | 37 | KANAWHA | 2 |
| UNIT FUELS   |    |         | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|          |        |
|----------|--------|
| \$       | 100.00 |
| \$ /MBTU | 0.10   |
| FUEL ID  | 37     |

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
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| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 38 | KYGER | 1 |
| UNIT FUELS   |    |       | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|         |        |
|---------|--------|
| %       | 100.00 |
| \$/MBTU | 0.00   |
| FUEL ID | 38     |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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Strategist Page 393

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 38 | KYGER | 1 |
| UNIT FUELS   |    |       | 1 |

----- YEAR 2012 -----

1 A Input Summary.txt

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
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| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 39 | KYGER | 2 |
| UNIT FUELS   |    |       | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU             0.00
UNIT FUEL TYPE                  FUEL ID            39

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
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| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |



|       |      |      |       |
|-------|------|------|-------|
| ----- | YEAR | 2029 | ----- |
| ----- | YEAR | 2030 | ----- |
| ----- | YEAR | 2031 | ----- |
| ----- | YEAR | 2032 | ----- |
| ----- | YEAR | 2033 | ----- |
| ----- | YEAR | 2034 | ----- |
| ----- | YEAR | 2035 | ----- |
| ----- | YEAR | 2036 | ----- |
| ----- | YEAR | 2037 | ----- |
| ----- | YEAR | 2038 | ----- |
| ----- | YEAR | 2039 | ----- |
| ----- | YEAR | 2040 | ----- |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

```

NewEnergy Associates  
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QUALIFIER = GAF.INPUT.THERMAL UNIT.

|       |      |      |       |
|-------|------|------|-------|
| ----- | YEAR | 2025 | ----- |
| ----- | YEAR | 2026 | ----- |
| ----- | YEAR | 2027 | ----- |
| ----- | YEAR | 2028 | ----- |
| ----- | YEAR | 2029 | ----- |
| ----- | YEAR | 2030 | ----- |
| ----- | YEAR | 2031 | ----- |
| ----- | YEAR | 2032 | ----- |
| ----- | YEAR | 2033 | ----- |
| ----- | YEAR | 2034 | ----- |
| ----- | YEAR | 2035 | ----- |
| ----- | YEAR | 2036 | ----- |
| ----- | YEAR | 2037 | ----- |

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 41 | KYGER | 4 |
| UNIT FUELS   |    |       | 1 |

----- YEAR 2011 -----  
 MINIMUM BURN PCT                   %                   100.00  
 UNIT FUEL AUXILIARY COSTS       \$/MBTU               0.00  
 UNIT FUEL TYPE                   FUEL ID               41

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 42 | KYGER | 5 |
| UNIT FUELS   |    |       | 1 |

----- YEAR 2011 -----  
 MINIMUM BURN PCT                   %                   100.00  
 UNIT FUEL AUXILIARY COSTS       \$/MBTU               0.00  
 UNIT FUEL TYPE                   FUEL ID               42

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                      42      KYGER      5  
 UNIT FUELS                                      1

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                      43      MITCHELL      1  
 UNIT FUELS                                      1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                      %              100.00  
 UNIT FUEL AUXILIARY COSTS              \$/MBTU              0.05  
 UNIT FUEL TYPE                      FUEL ID              43

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

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----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----

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 Strategist Page 396

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 45 MOUNT\_ER 1  
 UNIT FUELS 1

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 46 MUSK RVR 1  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT ‡ 100.00  
 UNIT FUEL AUXILIARY COSTS ‡/MBTU 0.05  
 UNIT FUEL TYPE FUEL ID 46

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |          |   |
|--------------|----|----------|---|
| THERMAL UNIT | 47 | MUSK RVR | 2 |
| UNIT FUELS   |    |          | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.05   |
| UNIT FUEL TYPE            | FUEL ID | 47     |

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                            |         |          |   |
|----------------------------|---------|----------|---|
| THERMAL UNIT<br>UNIT FUELS | 47      | MUSK RVR | 2 |
|                            |         | 1        |   |
| ----- YEAR 2031 -----      |         |          |   |
| ----- YEAR 2032 -----      |         |          |   |
| ----- YEAR 2033 -----      |         |          |   |
| ----- YEAR 2034 -----      |         |          |   |
| ----- YEAR 2035 -----      |         |          |   |
| ----- YEAR 2036 -----      |         |          |   |
| ----- YEAR 2037 -----      |         |          |   |
| ----- YEAR 2038 -----      |         |          |   |
| ----- YEAR 2039 -----      |         |          |   |
| ----- YEAR 2040 -----      |         |          |   |
|                            |         |          |   |
| THERMAL UNIT<br>UNIT FUELS | 48      | MUSK RVR | 3 |
|                            |         | 1        |   |
| ----- YEAR 2011 -----      |         |          |   |
| MINIMUM BURN PCT           | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.05     |   |
| UNIT FUEL TYPE             | FUEL ID | 48       |   |
| ----- YEAR 2012 -----      |         |          |   |
| ----- YEAR 2013 -----      |         |          |   |
| ----- YEAR 2014 -----      |         |          |   |
| ----- YEAR 2015 -----      |         |          |   |
| ----- YEAR 2016 -----      |         |          |   |
| ----- YEAR 2017 -----      |         |          |   |
| ----- YEAR 2018 -----      |         |          |   |
| ----- YEAR 2019 -----      |         |          |   |
| ----- YEAR 2020 -----      |         |          |   |
| ----- YEAR 2021 -----      |         |          |   |
| ----- YEAR 2022 -----      |         |          |   |
| ----- YEAR 2023 -----      |         |          |   |
| ----- YEAR 2024 -----      |         |          |   |
| ----- YEAR 2025 -----      |         |          |   |
| ----- YEAR 2026 -----      |         |          |   |
| ----- YEAR 2027 -----      |         |          |   |
| ----- YEAR 2028 -----      |         |          |   |
| ----- YEAR 2029 -----      |         |          |   |
| ----- YEAR 2030 -----      |         |          |   |
| ----- YEAR 2031 -----      |         |          |   |
| ----- YEAR 2032 -----      |         |          |   |
| ----- YEAR 2033 -----      |         |          |   |
| ----- YEAR 2034 -----      |         |          |   |
| ----- YEAR 2035 -----      |         |          |   |
| ----- YEAR 2036 -----      |         |          |   |
| ----- YEAR 2037 -----      |         |          |   |
| ----- YEAR 2038 -----      |         |          |   |
| ----- YEAR 2039 -----      |         |          |   |
| ----- YEAR 2040 -----      |         |          |   |
|                            |         |          |   |
| THERMAL UNIT<br>UNIT FUELS | 49      | MUSK RVR | 4 |
|                            |         | 1        |   |
| ----- YEAR 2011 -----      |         |          |   |
| MINIMUM BURN PCT           | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.05     |   |
| UNIT FUEL TYPE             | FUEL ID | 49       |   |

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

```



----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

51      P SPORN      1  
                          1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                      100.00  
 \$/MBTU                0.11  
 FUEL ID                51

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    52      P SPORN      2  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS            \$/MBTU                0.11  
 UNIT FUEL TYPE                    FUEL ID                52

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    52      P SPORN      2  
 UNIT FUELS                                    1

----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    53      P SPORN      3  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS            \$/MBTU                0.11  
 UNIT FUEL TYPE                    FUEL ID                53

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

54      P SPORN      4  
                          1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                      100.00  
 \$/MBTU                0.11  
 FUEL ID                54

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 54 P SPORN 4  
 UNIT FUELS 1

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 55 P SPORN 5  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT ‡ 100.00  
 UNIT FUEL AUXILIARY COSTS ‡/MBTU 0.11  
 UNIT FUEL TYPE FUEL ID 55

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                      56      PICWAY      5  
 UNIT FUELS                                      1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                      %                      100.00  
 UNIT FUEL AUXILIARY COSTS              \$/MBTU                      0.10  
 UNIT FUEL TYPE                      FUEL ID                      56

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                      57      RPRET\_IM      1  
 UNIT FUELS                                      1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                      %                      100.00  
 UNIT FUEL AUXILIARY COSTS              \$/MBTU                      0.06  
 UNIT FUEL TYPE                      FUEL ID                      58

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----

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1 A Input Summary.txt

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT  
UNIT FUELS

57 RPRET\_IM 1  
1

----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

THERMAL UNIT  
UNIT FUELS

58 RPRUN\_IM 1  
1

----- YEAR 2011 -----  
MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----

% 100.00  
\$/MBTU 0.06  
FUEL ID 58

| -----                     | YEAR 2011 | ----- |
|---------------------------|-----------|-------|
| MINIMUM BURN PCT          |           |       |
| UNIT FUEL AUXILIARY COSTS |           |       |
| UNIT FUEL TYPE            |           |       |
| -----                     | YEAR 2012 | ----- |
| -----                     | YEAR 2013 | ----- |
| -----                     | YEAR 2014 | ----- |
| -----                     | YEAR 2015 | ----- |
| -----                     | YEAR 2016 | ----- |
| -----                     | YEAR 2017 | ----- |
| -----                     | YEAR 2018 | ----- |
| -----                     | YEAR 2019 | ----- |
| -----                     | YEAR 2020 | ----- |
| -----                     | YEAR 2021 | ----- |
| -----                     | YEAR 2022 | ----- |
| -----                     | YEAR 2023 | ----- |
| -----                     | YEAR 2024 | ----- |
| -----                     | YEAR 2025 | ----- |
| -----                     | YEAR 2026 | ----- |
| -----                     | YEAR 2027 | ----- |
| -----                     | YEAR 2028 | ----- |
| -----                     | YEAR 2029 | ----- |

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VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

```

----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----

```

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    60                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                    0.00  
 UNIT FUEL TYPE                                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    61                    STUART                    1  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                    0.06  
 UNIT FUEL TYPE                                    FUEL ID                    61

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----



1 A Input Summary.txt

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 62 | STUART | 2 |
| UNIT FUELS   |    | 1      |   |

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06  
 UNIT FUEL TYPE FUEL ID 62

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

63      STUART      3  
                          1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                      100.00  
 \$/MBTU                0.06  
 FUEL ID                63

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

64      STUART      4  
                          1

----- YEAR 2011 -----  
 MINIMUM BURN PCT

%                      100.00

|                           |         |      |
|---------------------------|---------|------|
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.06 |
| UNIT FUEL TYPE            | FUEL ID | 64   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 64 | STUART | 4 |
| UNIT FUELS   |    | 1      |   |

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |         |   |
|--------------|----|---------|---|
| THERMAL UNIT | 65 | AMOS_AP | 3 |
| UNIT FUELS   |    | 1       |   |

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.08   |
| UNIT FUEL TYPE            | FUEL ID | 3      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

66      TANN 1-3      1  
                          1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                      100.00  
 \$/MBTU                0.24  
 FUEL ID                66

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 66 TANN 1-3 1  
UNIT FUELS 1

----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

THERMAL UNIT 67 TANN 1-3 2  
UNIT FUELS 1

----- YEAR 2011 -----  
MINIMUM BURN PCT % 100.00  
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.24  
UNIT FUEL TYPE FUEL ID 67

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

THERMAL UNIT 68 TANN 1-3 3  
UNIT FUELS 1

----- YEAR 2011 -----  
MINIMUM BURN PCT % 100.00  
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.24

|                |         |    |
|----------------|---------|----|
| UNIT FUEL TYPE | FUEL ID | 68 |
|----------------|---------|----|

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
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 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 69 | TAMN 4 | 4 |
| UNIT FUELS   |    | 1      |   |

----- YEAR 2011 -----  
 MINIMUM BURN PCT                   %           100.00  
 UNIT FUEL AUXILIARY COSTS       \$/MBTU       0.29  
 UNIT FUEL TYPE                   FUEL ID       69  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 69 | TAMN 4 | 4 |
| UNIT FUELS   |    | 1      |   |

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

70      ZIMMER      1      1  
                          1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                    100.00  
 \$/MBTU              0.11  
 FUEL ID              70

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                0.00
UNIT FUEL AUXILIARY COSTS      $/MBTU            0.00
UNIT FUEL TYPE                  FUEL ID           71

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

|       |      |      |       |
|-------|------|------|-------|
| ----- | YEAR | 2029 | ----- |
| ----- | YEAR | 2030 | ----- |
| ----- | YEAR | 2031 | ----- |
| ----- | YEAR | 2032 | ----- |
| ----- | YEAR | 2033 | ----- |
| ----- | YEAR | 2034 | ----- |
| ----- | YEAR | 2035 | ----- |
| ----- | YEAR | 2036 | ----- |
| ----- | YEAR | 2037 | ----- |
| ----- | YEAR | 2038 | ----- |
| ----- | YEAR | 2039 | ----- |
| ----- | YEAR | 2040 | ----- |

|                           |         |      |
|---------------------------|---------|------|
| ----- YEAR 2011 -----     |         |      |
| MINIMUM BURN PCT          | %       | 0.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00 |



| UNIT FUEL TYPE            | FUEL ID | 71         |
|---------------------------|---------|------------|
| ----- YEAR 2012 -----     |         |            |
| ----- YEAR 2013 -----     |         |            |
| ----- YEAR 2014 -----     |         |            |
| ----- YEAR 2015 -----     |         |            |
| ----- YEAR 2016 -----     |         |            |
| ----- YEAR 2017 -----     |         |            |
| ----- YEAR 2018 -----     |         |            |
| ----- YEAR 2019 -----     |         |            |
| ----- YEAR 2020 -----     |         |            |
| ----- YEAR 2021 -----     |         |            |
| ----- YEAR 2022 -----     |         |            |
| ----- YEAR 2023 -----     |         |            |
| ----- YEAR 2024 -----     |         |            |
| ----- YEAR 2025 -----     |         |            |
| ----- YEAR 2026 -----     |         |            |
| ----- YEAR 2027 -----     |         |            |
| ----- YEAR 2028 -----     |         |            |
| ----- YEAR 2029 -----     |         |            |
| ----- YEAR 2030 -----     |         |            |
| ----- YEAR 2031 -----     |         |            |
| ----- YEAR 2032 -----     |         |            |
| ----- YEAR 2033 -----     |         |            |
| ----- YEAR 2034 -----     |         |            |
| ----- YEAR 2035 -----     |         |            |
| ----- YEAR 2036 -----     |         |            |
| ----- YEAR 2037 -----     |         |            |
| ----- YEAR 2038 -----     |         |            |
| ----- YEAR 2039 -----     |         |            |
| ----- YEAR 2040 -----     |         |            |
|                           |         |            |
| THERMAL UNIT              | 73      | ROBTMONE 3 |
| UNIT FUELS                |         | 1          |
| ----- YEAR 2011 -----     |         |            |
| MINIMUM BURN PCT          | %       | 0.00       |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00       |
| UNIT FUEL TYPE            | FUEL ID | 71         |
| ----- YEAR 2012 -----     |         |            |
| ----- YEAR 2013 -----     |         |            |
| ----- YEAR 2014 -----     |         |            |
| ----- YEAR 2015 -----     |         |            |
| ----- YEAR 2016 -----     |         |            |
| ----- YEAR 2017 -----     |         |            |
| ----- YEAR 2018 -----     |         |            |
| ----- YEAR 2019 -----     |         |            |
| ----- YEAR 2020 -----     |         |            |
| ----- YEAR 2021 -----     |         |            |
| ----- YEAR 2022 -----     |         |            |
| ----- YEAR 2023 -----     |         |            |
| ----- YEAR 2024 -----     |         |            |
| ----- YEAR 2025 -----     |         |            |
| ----- YEAR 2026 -----     |         |            |

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |        |
|---------------------------|---------|--------|
| THERMAL UNIT              | 74      | 0      |
| UNIT FUELS                |         | 1      |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |
| ----- YEAR 2012 -----     |         |        |
| ----- YEAR 2013 -----     |         |        |
| ----- YEAR 2014 -----     |         |        |
| ----- YEAR 2015 -----     |         |        |
| ----- YEAR 2016 -----     |         |        |
| ----- YEAR 2017 -----     |         |        |
| ----- YEAR 2018 -----     |         |        |
| ----- YEAR 2019 -----     |         |        |
| ----- YEAR 2020 -----     |         |        |
| ----- YEAR 2021 -----     |         |        |
| ----- YEAR 2022 -----     |         |        |
| ----- YEAR 2023 -----     |         |        |
| ----- YEAR 2024 -----     |         |        |
| ----- YEAR 2025 -----     |         |        |
| ----- YEAR 2026 -----     |         |        |
| ----- YEAR 2027 -----     |         |        |
| ----- YEAR 2028 -----     |         |        |
| ----- YEAR 2029 -----     |         |        |
| ----- YEAR 2030 -----     |         |        |
| ----- YEAR 2031 -----     |         |        |
| ----- YEAR 2032 -----     |         |        |
| ----- YEAR 2033 -----     |         |        |
| ----- YEAR 2034 -----     |         |        |
| ----- YEAR 2035 -----     |         |        |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
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| ----- | YEAR 2023 | ----- |
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| ----- | YEAR 2025 | ----- |
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| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----

```

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT  
 UNIT FUELS

76 CEREDO 1 2

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

77 CEREDO 1 3

----- YEAR 2011 -----  
 MINIMUM BURN PCT ‡ 100.00  
 UNIT FUEL AUXILIARY COSTS ‡/MBTU 0.00  
 UNIT FUEL TYPE FUEL ID 72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

| -----                     | YEAR 2011 | ----- |
|---------------------------|-----------|-------|
| MINIMUM BURN PCT          |           |       |
| UNIT FUEL AUXILIARY COSTS |           |       |
| UNIT FUEL TYPE            |           |       |
| -----                     | YEAR 2012 | ----- |
| -----                     | YEAR 2013 | ----- |
| -----                     | YEAR 2014 | ----- |
| -----                     | YEAR 2015 | ----- |
| -----                     | YEAR 2016 | ----- |
| -----                     | YEAR 2017 | ----- |
| -----                     | YEAR 2018 | ----- |
| -----                     | YEAR 2019 | ----- |
| -----                     | YEAR 2020 | ----- |
| -----                     | YEAR 2021 | ----- |
| -----                     | YEAR 2022 | ----- |
| -----                     | YEAR 2023 | ----- |
| -----                     | YEAR 2024 | ----- |
| -----                     | YEAR 2025 | ----- |
| -----                     | YEAR 2026 | ----- |
| -----                     | YEAR 2027 | ----- |
| -----                     | YEAR 2028 | ----- |
| -----                     | YEAR 2029 | ----- |
| -----                     | YEAR 2030 | ----- |
| -----                     | YEAR 2031 | ----- |
| -----                     | YEAR 2032 | ----- |
| -----                     | YEAR 2033 | ----- |
| -----                     | YEAR 2034 | ----- |
| -----                     | YEAR 2035 | ----- |

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VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 78 | CEREDO | 4 |
| UNIT FUELS   |    |        | 1 |

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```

----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 79 | CEREDO | 5 |
| UNIT FUELS   |    |        | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS       $/MBTU           0.00
UNIT FUEL TYPE                  FUEL ID           72

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 80 | CEREDO | 6 |
| UNIT FUELS   |    |        | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU             0.00
UNIT FUEL TYPE                  FUEL ID            72

```

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

```

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 81 | DARBY | 1 |
| UNIT FUELS   |    |       | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 72     |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |       |   |
|--------------|----|-------|---|
| THERMAL UNIT | 81 | DARBY | 1 |
| UNIT FUELS   |    |       | 1 |

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

82 DAREY 2  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

% 100.00  
 \$/MBTU 0.00  
 FUEL ID 72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

83 DAREY 3  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS

% 100.00  
 \$/MBTU 0.00



UNIT FUEL TYPE

FUEL ID

72

1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT  
 UNIT FUELS

83

DARBY

3

1

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

84

DARBY

4

1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----

% 100.00  
 \$/MBTU 0.00  
 FUEL ID 72

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

85      DAREY      5  
                  1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                    100.00  
 \$/MBTU              0.00  
 FUEL ID              72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |          |   |
|---------------------------|---------|----------|---|
| THERMAL UNIT              | 86      | DAREY    | 6 |
| UNIT FUELS                |         | 1        |   |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00     |   |
| UNIT FUEL TYPE            | FUEL ID | 72       |   |
| ----- YEAR 2012 -----     |         |          |   |
| ----- YEAR 2013 -----     |         |          |   |
| ----- YEAR 2014 -----     |         |          |   |
| ----- YEAR 2015 -----     |         |          |   |
| ----- YEAR 2016 -----     |         |          |   |
| ----- YEAR 2017 -----     |         |          |   |
| ----- YEAR 2018 -----     |         |          |   |
| ----- YEAR 2019 -----     |         |          |   |
| ----- YEAR 2020 -----     |         |          |   |
| ----- YEAR 2021 -----     |         |          |   |
| ----- YEAR 2022 -----     |         |          |   |
| ----- YEAR 2023 -----     |         |          |   |
| ----- YEAR 2024 -----     |         |          |   |
| ----- YEAR 2025 -----     |         |          |   |
| ----- YEAR 2026 -----     |         |          |   |
| ----- YEAR 2027 -----     |         |          |   |
| ----- YEAR 2028 -----     |         |          |   |
| ----- YEAR 2029 -----     |         |          |   |
| ----- YEAR 2030 -----     |         |          |   |
| ----- YEAR 2031 -----     |         |          |   |
| ----- YEAR 2032 -----     |         |          |   |
| ----- YEAR 2033 -----     |         |          |   |
| ----- YEAR 2034 -----     |         |          |   |
| ----- YEAR 2035 -----     |         |          |   |
| ----- YEAR 2036 -----     |         |          |   |
| ----- YEAR 2037 -----     |         |          |   |
| ----- YEAR 2038 -----     |         |          |   |
| ----- YEAR 2039 -----     |         |          |   |
| ----- YEAR 2040 -----     |         |          |   |
| THERMAL UNIT              | 87      | LWBG WIN | 1 |
| UNIT FUELS                |         | 1        |   |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00     |   |
| UNIT FUEL TYPE            | FUEL ID | 71       |   |

1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                      88      LWBG WIN      2  
 UNIT FUELS                                              1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                      %                      100.00  
 UNIT FUEL AUXILIARY COSTS                      \$/MBTU                      0.00  
 UNIT FUEL TYPE                      FUEL ID                      71

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

1 A Input Summary.txt  
QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT  
UNIT FUELS  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

88 LWBG WIN 2  
1

THERMAL UNIT  
UNIT FUELS  
----- YEAR 2011 -----  
MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----

89 LWBG SMR 1  
1  
% 100.00  
\$/MBTU 0.00  
FUEL ID 71

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    90        LWBG SMR    2  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

                                  %                    100.00  
 \$/MBTU                                    0.00  
 FUEL ID                                    71

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    90        LWBG SMR    2  
 UNIT FUELS                                    1

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    91        WATR CC    1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

                                  %                    100.00  
 \$/MBTU                                    0.00  
 FUEL ID                                    72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

92      WATR2      1  
                  1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                    100.00  
 \$/MBTU              0.00  
 FUEL ID              72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |



```

----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

|              |    |        |   |
|--------------|----|--------|---|
| THERMAL UNIT | 94 | DRESD2 | 1 |
| UNIT FUELS   |    |        | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|         |        |
|---------|--------|
| \$      | 100.00 |
| \$/MBTU | 0.00   |
| FUEL ID | 73     |

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |    |   |
|--------------|----|---|
| THERMAL UNIT | 95 | 0 |
| UNIT FUELS   |    | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|         |        |
|---------|--------|
| %       | 100.00 |
| \$/MBTU | 0.00   |
| FUEL ID | 0      |

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

```

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |    |   |   |
|--------------|----|---|---|
| THERMAL UNIT | 95 |   | 0 |
| UNIT FUELS   |    | 1 |   |

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |    |         |   |
|--------------|----|---------|---|
| THERMAL UNIT | 96 | CT_APC0 | 1 |
| UNIT FUELS   |    | 1       |   |

----- YEAR 2011 -----  
 MINIMUM BURN PCT                   ‡           100.00  
 UNIT FUEL AUXILIARY COSTS       ‡/MBTU           0.00  
 UNIT FUEL TYPE                   FUEL ID           72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

1 A Input Summary.txt

```

----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

|              |    |         |   |
|--------------|----|---------|---|
| THERMAL UNIT | 97 | CC_APCO | 1 |
| UNIT FUELS   |    |         | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 72     |

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

|                           |         |         |   |
|---------------------------|---------|---------|---|
| THERMAL UNIT              | 98      | IGCC AP | 1 |
| UNIT FUELS                |         |         | 1 |
| ----- YEAR 2011 -----     |         |         |   |
| MINIMUM BURN PCT          | %       | 100.00  |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00    |   |
| UNIT FUEL TYPE            | FUEL ID | 45      |   |
| ----- YEAR 2012 -----     |         |         |   |
| ----- YEAR 2013 -----     |         |         |   |
| ----- YEAR 2014 -----     |         |         |   |
| ----- YEAR 2015 -----     |         |         |   |
| ----- YEAR 2016 -----     |         |         |   |
| ----- YEAR 2017 -----     |         |         |   |
| ----- YEAR 2018 -----     |         |         |   |
| ----- YEAR 2019 -----     |         |         |   |
| ----- YEAR 2020 -----     |         |         |   |
| ----- YEAR 2021 -----     |         |         |   |
| ----- YEAR 2022 -----     |         |         |   |
| ----- YEAR 2023 -----     |         |         |   |
| ----- YEAR 2024 -----     |         |         |   |
| ----- YEAR 2025 -----     |         |         |   |
| ----- YEAR 2026 -----     |         |         |   |
| ----- YEAR 2027 -----     |         |         |   |
| ----- YEAR 2028 -----     |         |         |   |
| ----- YEAR 2029 -----     |         |         |   |
| ----- YEAR 2030 -----     |         |         |   |
| ----- YEAR 2031 -----     |         |         |   |
| ----- YEAR 2032 -----     |         |         |   |
| ----- YEAR 2033 -----     |         |         |   |
| ----- YEAR 2034 -----     |         |         |   |
| ----- YEAR 2035 -----     |         |         |   |
| ----- YEAR 2036 -----     |         |         |   |
| ----- YEAR 2037 -----     |         |         |   |
| ----- YEAR 2038 -----     |         |         |   |
| ----- YEAR 2039 -----     |         |         |   |
| ----- YEAR 2040 -----     |         |         |   |

|                           |         |          |   |
|---------------------------|---------|----------|---|
| THERMAL UNIT              | 99      | PC_UL_AP | 1 |
| UNIT FUELS                |         |          | 1 |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00     |   |
| UNIT FUEL TYPE            | FUEL ID | 45       |   |
| ----- YEAR 2012 -----     |         |          |   |
| ----- YEAR 2013 -----     |         |          |   |
| ----- YEAR 2014 -----     |         |          |   |
| ----- YEAR 2015 -----     |         |          |   |
| ----- YEAR 2016 -----     |         |          |   |
| ----- YEAR 2017 -----     |         |          |   |
| ----- YEAR 2018 -----     |         |          |   |
| ----- YEAR 2019 -----     |         |          |   |

----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    100        Nuke\_AP        1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    25

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    100        Nuke\_AP        1  
 UNIT FUELS                                    1

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

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----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

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----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    102    CC\_I&M    1  
 UNIT FUELS                                    1

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    103    IGCC IM    1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    ‡            100.00  
 UNIT FUEL AUXILIARY COSTS            ‡/MBTU        0.00  
 UNIT FUEL TYPE                    FUEL ID        45

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

104      PC\_UL\_IM    1  
                       1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                    100.00  
 \$/MBTU              0.00  
 FUEL ID              45

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----



----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    105        NUKE\_IM        1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

                                  %                    100.00  
 \$/MBTU                    0.00  
 FUEL ID                    25

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    105        NUKE\_IM        1  
 UNIT FUELS                                    1

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    106        CT\_KPCO        1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

                                  %                    100.00  
 \$/MBTU                    0.00  
 FUEL ID                    72

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT          107      CC_KPC0      1
UNIT FUELS              1

----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.00
UNIT FUEL TYPE          FUEL ID      72

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----

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----- YEAR 2028 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT  
UNIT FUELS

107

CC\_KPC0 1  
1

----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

THERMAL UNIT  
UNIT FUELS

108

IGCC KP 1  
1

----- YEAR 2011 -----  
MINIMUM BURN PCT  
UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE  
----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----

‡ 100.00  
\$/MBTU 0.00  
FUEL ID 45

----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    109      PC\_UL\_KP    1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                   0.00  
 UNIT FUEL TYPE                    FUEL ID                   45

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    110      NUKE\_KP    1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                   0.00  
 UNIT FUEL TYPE                    FUEL ID                   25

----- YEAR 2012 -----

1 A Input Summary.txt

----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                           |         |         |   |
|---------------------------|---------|---------|---|
| THERMAL UNIT              | 111     | CT_OHIO | 1 |
| UNIT FUELS                |         | 1       |   |
| ----- YEAR 2011 -----     |         |         |   |
| MINIMUM BURN PCT          | %       | 100.00  |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00    |   |
| UNIT FUEL TYPE            | FUEL ID | 72      |   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----

1 A Input Summary.txt

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    112      CC\_OH      1  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

THERMAL UNIT                    112      CC\_OH      1  
 UNIT FUELS                                    1

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

|              |     |         |   |
|--------------|-----|---------|---|
| THERMAL UNIT | 113 | IGCC OH | 1 |
| UNIT FUELS   |     |         | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|          |        |
|----------|--------|
| \$       | 100.00 |
| \$ /MBTU | 0.00   |
| FUEL ID  | 45     |

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

```

THERMAL UNIT          114      PC_UL_OH      1
UNIT FUELS              1

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|         |        |
|---------|--------|
| %       | 100.00 |
| \$/MBTU | 0.00   |
| FUEL ID | 45     |

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----

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----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 114 PC\_UL\_OH 1  
 UNIT FUELS 1

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 115 NUKE OH 1  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00  
 UNIT FUEL TYPE FUEL ID 25

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----



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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
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| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

```

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----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 118 BS1\_Gas 1  
 UNIT FUELS 1

----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 119 BS\_RPWR 1  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT ‡ 100.00  
 UNIT FUEL AUXILIARY COSTS ‡/MBTU 0.00  
 UNIT FUEL TYPE FUEL ID 82

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |     |         |   |
|--------------|-----|---------|---|
| THERMAL UNIT | 120 | BS_BFCC | 1 |
| UNIT FUELS   |     | 1       |   |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 83     |

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2012 | ----- |
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |     |         |   |
|--------------|-----|---------|---|
| THERMAL UNIT | 120 | BS_BFCC | 1 |
| UNIT FUELS   |     |         | 1 |

----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                           |         |         |    |
|---------------------------|---------|---------|----|
| THERMAL UNIT              | 121     | BS2 FGD | 23 |
| UNIT FUELS                |         |         | 1  |
| ----- YEAR 2011 -----     |         |         |    |
| MINIMUM BURN PCT          | %       | 100.00  |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00    |    |
| UNIT FUEL TYPE            | FUEL ID | 6       |    |
| ----- YEAR 2012 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.16    |    |
| ----- YEAR 2013 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.19    |    |
| ----- YEAR 2014 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.19    |    |
| ----- YEAR 2015 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.20    |    |
| ----- YEAR 2016 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.20    |    |
| ----- YEAR 2017 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.30    |    |
| ----- YEAR 2018 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.32    |    |
| ----- YEAR 2019 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.34    |    |
| ----- YEAR 2020 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.35    |    |
| ----- YEAR 2021 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.38    |    |
| ----- YEAR 2022 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.40    |    |
| ----- YEAR 2023 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.42    |    |
| ----- YEAR 2024 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.45    |    |
| ----- YEAR 2025 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.47    |    |
| ----- YEAR 2026 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.50    |    |
| ----- YEAR 2027 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.54    |    |
| ----- YEAR 2028 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.57    |    |
| ----- YEAR 2029 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.61    |    |
| ----- YEAR 2030 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.65    |    |
| ----- YEAR 2031 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.70    |    |
| ----- YEAR 2032 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.75    |    |
| ----- YEAR 2033 -----     |         |         |    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.80    |    |

```

----- YEAR 2034 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.86

----- YEAR 2035 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.93

----- YEAR 2036 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.99

----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.07

----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.15

----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.24

----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.34

    THERMAL UNIT      122      ES_BF50      1
    UNIT FUELS              1

----- YEAR 2011 -----
MINIMUM BURN PCT              %      100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.00
UNIT FUEL TYPE              FUEL ID      83

```

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----

```

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

    THERMAL UNIT      122      ES_BF50      1
    UNIT FUELS              1

----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----

```

```

----- YEAR 2040 -----
THERMAL UNIT          123          0
UNIT FUELS            1
----- YEAR 2011 -----
MINIMUM BURN PCT      %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.00
UNIT FUEL TYPE        FUEL ID      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
THERMAL UNIT          126      CSV5_SCR  5
UNIT FUELS            1
----- YEAR 2011 -----
MINIMUM BURN PCT      %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.07
UNIT FUEL TYPE        FUEL ID      23
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

```

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |          |   |
|---------------------------|---------|----------|---|
| THERMAL UNIT              | 127     | CSV6_SCR | 6 |
| UNIT FUELS                |         |          | 1 |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.07     |   |
| UNIT FUEL TYPE            | FUEL ID | 24       |   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----

1 A Input Summary.txt

----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    128                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    129                    CR1\_NGCC                    1  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                    0.11  
 UNIT FUEL TYPE                    FUEL ID                    72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----



----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 129 CR1\_NGCC 1  
 UNIT FUELS 1

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 130 CR2\_NGCC 2  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11  
 UNIT FUEL TYPE FUEL ID 72

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----

1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                           |         |          |   |
|---------------------------|---------|----------|---|
| THERMAL UNIT              | 131     | MR5_NGCC | 5 |
| UNIT FUELS                |         | 1        |   |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.05     |   |
| UNIT FUEL TYPE            | FUEL ID | 81       |   |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

1 A Input Summary.txt

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                       |     |          |   |
|-----------------------|-----|----------|---|
| THERMAL UNIT          | 131 | MR5_NGCC | 5 |
| UNIT FUELS            |     | 1        |   |
| ----- YEAR 2036 ----- |     |          |   |
| ----- YEAR 2037 ----- |     |          |   |
| ----- YEAR 2038 ----- |     |          |   |
| ----- YEAR 2039 ----- |     |          |   |
| ----- YEAR 2040 ----- |     |          |   |

|                           |         |         |   |
|---------------------------|---------|---------|---|
| THERMAL UNIT              | 132     | MR5_FGD | 5 |
| UNIT FUELS                |         | 1       |   |
| ----- YEAR 2011 -----     |         |         |   |
| MINIMUM BURN PCT          | %       | 100.00  |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.05    |   |
| UNIT FUEL TYPE            | FUEL ID | 31      |   |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|                           |         |         |   |
|---------------------------|---------|---------|---|
| THERMAL UNIT              | 133     | RP1D_IM | 1 |
| UNIT FUELS                |         | 1       |   |
| ----- YEAR 2011 -----     |         |         |   |
| MINIMUM BURN PCT          | %       | 100.00  |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.06    |   |
| UNIT FUEL TYPE            | FUEL ID | 60      |   |
| ----- YEAR 2012 -----     |         |         |   |
| ----- YEAR 2013 -----     |         |         |   |
| ----- YEAR 2014 -----     |         |         |   |
| ----- YEAR 2015 -----     |         |         |   |

1 A Input Summary.txt

|       |      |      |       |
|-------|------|------|-------|
| ----- | YEAR | 2016 | ----- |
| ----- | YEAR | 2017 | ----- |
| ----- | YEAR | 2018 | ----- |
| ----- | YEAR | 2019 | ----- |
| ----- | YEAR | 2020 | ----- |
| ----- | YEAR | 2021 | ----- |
| ----- | YEAR | 2022 | ----- |
| ----- | YEAR | 2023 | ----- |
| ----- | YEAR | 2024 | ----- |
| ----- | YEAR | 2025 | ----- |
| ----- | YEAR | 2026 | ----- |
| ----- | YEAR | 2027 | ----- |
| ----- | YEAR | 2028 | ----- |
| ----- | YEAR | 2029 | ----- |
| ----- | YEAR | 2030 | ----- |
| ----- | YEAR | 2031 | ----- |
| ----- | YEAR | 2032 | ----- |
| ----- | YEAR | 2033 | ----- |
| ----- | YEAR | 2034 | ----- |
| ----- | YEAR | 2035 | ----- |
| ----- | YEAR | 2036 | ----- |
| ----- | YEAR | 2037 | ----- |
| ----- | YEAR | 2038 | ----- |
| ----- | YEAR | 2039 | ----- |
| ----- | YEAR | 2040 | ----- |

|              |     |         |   |
|--------------|-----|---------|---|
| THERMAL UNIT | 134 | RP2D_IM | 2 |
| UNIT FUELS   |     |         | 1 |

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS       $/MBTU           0.06
UNIT FUEL TYPE                  FUEL ID           80

```

```
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
```

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VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |     |         |   |
|--------------|-----|---------|---|
| THERMAL UNIT | 134 | RP2D_IM | 2 |
| UNIT FUELS   |     |         | 1 |

```

----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

```

1 A Input Summary.txt

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

135 TAN4\_FGD 4  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

% 100.00  
 \$/MBTU 0.29  
 FUEL ID 69

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

## 1 A Input Summary.txt

| THERMAL UNIT<br>UNIT FUELS | 136     | RPID_KP | 1 |
|----------------------------|---------|---------|---|
| ----- YEAR 2011 -----      |         |         |   |
| MINIMUM BURN PCT           | %       | 100.00  |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.00    |   |
| UNIT FUEL TYPE             | FUEL ID | 58      |   |
| ----- YEAR 2012 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.07    |   |
| ----- YEAR 2013 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.07    |   |
| ----- YEAR 2014 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.27    |   |
| ----- YEAR 2015 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.29    |   |
| ----- YEAR 2016 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.67    |   |
| ----- YEAR 2017 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.70    |   |
| ----- YEAR 2018 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.74    |   |
| ----- YEAR 2019 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.77    |   |
| ----- YEAR 2020 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.78    |   |
| ----- YEAR 2021 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.80    |   |
| ----- YEAR 2022 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.80    |   |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT<br>UNIT FUELS | 136     | RPID_KP | 1 |
|----------------------------|---------|---------|---|
| ----- YEAR 2023 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.83    |   |
| ----- YEAR 2024 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.84    |   |
| ----- YEAR 2025 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.86    |   |
| ----- YEAR 2026 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.88    |   |
| ----- YEAR 2027 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.90    |   |
| ----- YEAR 2028 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.92    |   |
| ----- YEAR 2029 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.94    |   |
| ----- YEAR 2030 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.96    |   |
| ----- YEAR 2031 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.98    |   |
| ----- YEAR 2032 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 1.00    |   |
| ----- YEAR 2033 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 1.02    |   |
| ----- YEAR 2034 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 1.05    |   |
| ----- YEAR 2035 -----      |         |         |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 1.07    |   |
| ----- YEAR 2036 -----      |         |         |   |

|                           |         |         |   |
|---------------------------|---------|---------|---|
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.09    |   |
| ----- YEAR 2037 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.12    |   |
| ----- YEAR 2038 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.14    |   |
| ----- YEAR 2039 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.17    |   |
| ----- YEAR 2040 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.20    |   |
| THERMAL UNIT              | 137     | RP2D_KP | 2 |
| UNIT FUELS                |         | 1       |   |
| ----- YEAR 2011 -----     |         |         |   |
| MINIMUM BURN PCT          | %       | 100.00  |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00    |   |
| UNIT FUEL TYPE            | FUEL ID | 59      |   |
| ----- YEAR 2012 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.15    |   |
| ----- YEAR 2013 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.16    |   |
| ----- YEAR 2014 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.51    |   |
| ----- YEAR 2015 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.55    |   |
| ----- YEAR 2016 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.58    |   |
| ----- YEAR 2017 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.61    |   |
| ----- YEAR 2018 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.65    |   |
| ----- YEAR 2019 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.67    |   |
| ----- YEAR 2020 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.70    |   |
| ----- YEAR 2021 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.72    |   |
| ----- YEAR 2022 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.74    |   |
| ----- YEAR 2023 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.76    |   |
| ----- YEAR 2024 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.78    |   |
| ----- YEAR 2025 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.80    |   |
| ----- YEAR 2026 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.83    |   |
| ----- YEAR 2027 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.85    |   |
| ----- YEAR 2028 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.88    |   |
| ----- YEAR 2029 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.90    |   |
| ----- YEAR 2030 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.93    |   |
| ----- YEAR 2031 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.95    |   |
| ----- YEAR 2032 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.98    |   |
| ----- YEAR 2033 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.01    |   |
| ----- YEAR 2034 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.04    |   |
| ----- YEAR 2035 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.07    |   |
| ----- YEAR 2036 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.10    |   |
| ----- YEAR 2037 -----     |         |         |   |

```

UNIT FUEL AUXILIARY COSTS      $/MBTU      1.13      1 A Input Summary.txt
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.16
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.20
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.23
    THERMAL UNIT                138          0
    UNIT FUELS                  1
----- YEAR 2011 -----
MINIMUM BURN PCT                %          100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.00
UNIT FUEL TYPE                  FUEL ID      0
----- YEAR 2012 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
      VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT  
QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

    THERMAL UNIT                138          0
    UNIT FUELS                  1
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
    THERMAL UNIT                139          0
    UNIT FUELS                  1
----- YEAR 2011 -----
MINIMUM BURN PCT                %          100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.00
UNIT FUEL TYPE                  FUEL ID      0

```



1 A Input Summary.txt

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 140 | 0 |
| UNIT FUELS   | 1   |   |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |        |
|---------------------------|---------|--------|
| THERMAL UNIT              | 140     | 0      |
| UNIT FUELS                | 1       |        |
| ----- YEAR 2026 -----     |         |        |
| ----- YEAR 2027 -----     |         |        |
| ----- YEAR 2028 -----     |         |        |
| ----- YEAR 2029 -----     |         |        |
| ----- YEAR 2030 -----     |         |        |
| ----- YEAR 2031 -----     |         |        |
| ----- YEAR 2032 -----     |         |        |
| ----- YEAR 2033 -----     |         |        |
| ----- YEAR 2034 -----     |         |        |
| ----- YEAR 2035 -----     |         |        |
| ----- YEAR 2036 -----     |         |        |
| ----- YEAR 2037 -----     |         |        |
| ----- YEAR 2038 -----     |         |        |
| ----- YEAR 2039 -----     |         |        |
| ----- YEAR 2040 -----     |         |        |
|                           |         |        |
| THERMAL UNIT              | 141     | 0      |
| UNIT FUELS                | 1       |        |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |
| ----- YEAR 2012 -----     |         |        |
| ----- YEAR 2013 -----     |         |        |
| ----- YEAR 2014 -----     |         |        |
| ----- YEAR 2015 -----     |         |        |
| ----- YEAR 2016 -----     |         |        |
| ----- YEAR 2017 -----     |         |        |
| ----- YEAR 2018 -----     |         |        |
| ----- YEAR 2019 -----     |         |        |
| ----- YEAR 2020 -----     |         |        |
| ----- YEAR 2021 -----     |         |        |
| ----- YEAR 2022 -----     |         |        |
| ----- YEAR 2023 -----     |         |        |
| ----- YEAR 2024 -----     |         |        |
| ----- YEAR 2025 -----     |         |        |
| ----- YEAR 2026 -----     |         |        |
| ----- YEAR 2027 -----     |         |        |
| ----- YEAR 2028 -----     |         |        |
| ----- YEAR 2029 -----     |         |        |
| ----- YEAR 2030 -----     |         |        |
| ----- YEAR 2031 -----     |         |        |
| ----- YEAR 2032 -----     |         |        |
| ----- YEAR 2033 -----     |         |        |
| ----- YEAR 2034 -----     |         |        |
| ----- YEAR 2035 -----     |         |        |

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    142                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
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 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    142                    0  
 UNIT FUELS                                            1

----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    143                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

|       |      |      |       |
|-------|------|------|-------|
| ----- | YEAR | 2012 | ----- |
| ----- | YEAR | 2013 | ----- |
| ----- | YEAR | 2014 | ----- |
| ----- | YEAR | 2015 | ----- |
| ----- | YEAR | 2016 | ----- |
| ----- | YEAR | 2017 | ----- |
| ----- | YEAR | 2018 | ----- |
| ----- | YEAR | 2019 | ----- |
| ----- | YEAR | 2020 | ----- |
| ----- | YEAR | 2021 | ----- |
| ----- | YEAR | 2022 | ----- |
| ----- | YEAR | 2023 | ----- |
| ----- | YEAR | 2024 | ----- |
| ----- | YEAR | 2025 | ----- |
| ----- | YEAR | 2026 | ----- |
| ----- | YEAR | 2027 | ----- |
| ----- | YEAR | 2028 | ----- |
| ----- | YEAR | 2029 | ----- |
| ----- | YEAR | 2030 | ----- |
| ----- | YEAR | 2031 | ----- |
| ----- | YEAR | 2032 | ----- |
| ----- | YEAR | 2033 | ----- |
| ----- | YEAR | 2034 | ----- |
| ----- | YEAR | 2035 | ----- |
| ----- | YEAR | 2036 | ----- |
| ----- | YEAR | 2037 | ----- |
| ----- | YEAR | 2038 | ----- |
| ----- | YEAR | 2039 | ----- |
| ----- | YEAR | 2040 | ----- |

|              |     |         |   |
|--------------|-----|---------|---|
| THERMAL UNIT | 144 | TC4_ESP | 4 |
| UNIT FUELS   |     |         | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.29   |
| UNIT FUEL TYPE            | FUEL ID | 69     |

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----

```

1 A Input Summary.txt

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    145                    0  
 UNIT FUELS                                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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 Strategist                    Page                    437

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    145                    0  
 UNIT FUELS                                    1

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
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 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
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 ----- YEAR 2035 -----

----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    146                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    147                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 147 0  
 UNIT FUELS 1

----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 148 0  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00  
 UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
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 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 149 | 0 |
| UNIT FUELS   | 1   |   |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
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 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
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 ----- YEAR 2025 -----  
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 ----- YEAR 2030 -----  
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 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 150 | 0 |
| UNIT FUELS   | 1   |   |

|                       |   |        |
|-----------------------|---|--------|
| ----- YEAR 2011 ----- |   |        |
| MINIMUM BURN PCT      | % | 100.00 |



UNIT FUEL AUXILIARY COSTS      \$/MBTU  
UNIT FUEL TYPE                    FUEL ID

0.00  
0

1 A Input Summary.txt

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    150  
UNIT FUELS                            1      0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----  
----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

THERMAL UNIT                    151  
UNIT FUELS                            1      0

----- YEAR 2011 -----  
MINIMUM BURN PCT                    %      100.00  
UNIT FUEL AUXILIARY COSTS           \$/MBTU      0.00  
UNIT FUEL TYPE                    FUEL ID      0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                      152                      0  
 UNIT FUELS                                      1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                      %                      100.00  
 UNIT FUEL AUXILIARY COSTS                      \$/MBTU                      0.00  
 UNIT FUEL TYPE                      FUEL ID                      0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                      152                      0  
 UNIT FUELS                                      1

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----

----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

153 MTN\_18% 1  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

% 100.00  
 \$/MBTU 0.00  
 FUEL ID 45

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

163 0  
 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT

% 100.00

UNIT FUEL AUXILIARY COSTS  
UNIT FUEL TYPE

\$/MBTU  
FUEL ID

0.00  
0

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----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----  
----- YEAR 2019 -----  
----- YEAR 2020 -----  
----- YEAR 2021 -----  
----- YEAR 2022 -----  
----- YEAR 2023 -----  
----- YEAR 2024 -----  
----- YEAR 2025 -----  
----- YEAR 2026 -----  
----- YEAR 2027 -----  
----- YEAR 2028 -----  
----- YEAR 2029 -----  
----- YEAR 2030 -----  
----- YEAR 2031 -----  
----- YEAR 2032 -----  
----- YEAR 2033 -----  
----- YEAR 2034 -----  
----- YEAR 2035 -----  
----- YEAR 2036 -----  
----- YEAR 2037 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 163 0  
UNIT FUELS 1

----- YEAR 2038 -----  
----- YEAR 2039 -----  
----- YEAR 2040 -----

THERMAL UNIT 164 0  
UNIT FUELS 1

----- YEAR 2011 -----  
MINIMUM BURN PCT % 100.00  
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00  
UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----  
----- YEAR 2013 -----  
----- YEAR 2014 -----  
----- YEAR 2015 -----  
----- YEAR 2016 -----  
----- YEAR 2017 -----  
----- YEAR 2018 -----

----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

165                      0  
                          1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%                      100.00  
 \$/MBTU                0.00  
 FUEL ID                0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----

----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    167                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    167                    0  
 UNIT FUELS                                            1

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    180                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00

| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
|---------------------------|---------|--------|
| UNIT FUEL TYPE            | FUEL ID | 0      |
| ----- YEAR 2012 -----     |         |        |
| ----- YEAR 2013 -----     |         |        |
| ----- YEAR 2014 -----     |         |        |
| ----- YEAR 2015 -----     |         |        |
| ----- YEAR 2016 -----     |         |        |
| ----- YEAR 2017 -----     |         |        |
| ----- YEAR 2018 -----     |         |        |
| ----- YEAR 2019 -----     |         |        |
| ----- YEAR 2020 -----     |         |        |
| ----- YEAR 2021 -----     |         |        |
| ----- YEAR 2022 -----     |         |        |
| ----- YEAR 2023 -----     |         |        |
| ----- YEAR 2024 -----     |         |        |
| ----- YEAR 2025 -----     |         |        |
| ----- YEAR 2026 -----     |         |        |
| ----- YEAR 2027 -----     |         |        |
| ----- YEAR 2028 -----     |         |        |
| ----- YEAR 2029 -----     |         |        |
| ----- YEAR 2030 -----     |         |        |
| ----- YEAR 2031 -----     |         |        |
| ----- YEAR 2032 -----     |         |        |
| ----- YEAR 2033 -----     |         |        |
| ----- YEAR 2034 -----     |         |        |
| ----- YEAR 2035 -----     |         |        |
| ----- YEAR 2036 -----     |         |        |
| ----- YEAR 2037 -----     |         |        |
| ----- YEAR 2038 -----     |         |        |
| ----- YEAR 2039 -----     |         |        |
| ----- YEAR 2040 -----     |         |        |
|                           |         |        |
| THERMAL UNIT              | 182     | 0      |
| UNIT FUELS                |         | 1      |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |
| ----- YEAR 2012 -----     |         |        |
| ----- YEAR 2013 -----     |         |        |
| ----- YEAR 2014 -----     |         |        |
| ----- YEAR 2015 -----     |         |        |
| ----- YEAR 2016 -----     |         |        |
| ----- YEAR 2017 -----     |         |        |
| ----- YEAR 2018 -----     |         |        |
| ----- YEAR 2019 -----     |         |        |
| ----- YEAR 2020 -----     |         |        |
| ----- YEAR 2021 -----     |         |        |
| ----- YEAR 2022 -----     |         |        |
| ----- YEAR 2023 -----     |         |        |
| ----- YEAR 2024 -----     |         |        |
| ----- YEAR 2025 -----     |         |        |
| ----- YEAR 2026 -----     |         |        |

----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |        |
|---------------------------|---------|--------|
| THERMAL UNIT              | 182     | 0      |
| UNIT FUELS                | 1       |        |
| ----- YEAR 2031 -----     |         |        |
| ----- YEAR 2032 -----     |         |        |
| ----- YEAR 2033 -----     |         |        |
| ----- YEAR 2034 -----     |         |        |
| ----- YEAR 2035 -----     |         |        |
| ----- YEAR 2036 -----     |         |        |
| ----- YEAR 2037 -----     |         |        |
| ----- YEAR 2038 -----     |         |        |
| ----- YEAR 2039 -----     |         |        |
| ----- YEAR 2040 -----     |         |        |
| THERMAL UNIT              | 183     | 0      |
| UNIT FUELS                | 1       |        |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |
| ----- YEAR 2012 -----     |         |        |
| ----- YEAR 2013 -----     |         |        |
| ----- YEAR 2014 -----     |         |        |
| ----- YEAR 2015 -----     |         |        |
| ----- YEAR 2016 -----     |         |        |
| ----- YEAR 2017 -----     |         |        |
| ----- YEAR 2018 -----     |         |        |
| ----- YEAR 2019 -----     |         |        |
| ----- YEAR 2020 -----     |         |        |
| ----- YEAR 2021 -----     |         |        |
| ----- YEAR 2022 -----     |         |        |
| ----- YEAR 2023 -----     |         |        |
| ----- YEAR 2024 -----     |         |        |
| ----- YEAR 2025 -----     |         |        |
| ----- YEAR 2026 -----     |         |        |
| ----- YEAR 2027 -----     |         |        |
| ----- YEAR 2028 -----     |         |        |
| ----- YEAR 2029 -----     |         |        |
| ----- YEAR 2030 -----     |         |        |
| ----- YEAR 2031 -----     |         |        |
| ----- YEAR 2032 -----     |         |        |
| ----- YEAR 2033 -----     |         |        |
| ----- YEAR 2034 -----     |         |        |



----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    184                    0  
 UNIT FUELS                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
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 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    185                    RP1D\_03                    1  
 UNIT FUELS                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.06

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    185                    RP1D\_03                    1  
 UNIT FUELS                    1

1 A Input Summary.txt

|                           |         |          |   |
|---------------------------|---------|----------|---|
| ----- YEAR 2011 -----     |         |          |   |
| UNIT FUEL TYPE            | FUEL ID | 80       |   |
| ----- YEAR 2012 -----     |         |          |   |
| ----- YEAR 2013 -----     |         |          |   |
| ----- YEAR 2014 -----     |         |          |   |
| ----- YEAR 2015 -----     |         |          |   |
| ----- YEAR 2016 -----     |         |          |   |
| ----- YEAR 2017 -----     |         |          |   |
| ----- YEAR 2018 -----     |         |          |   |
| ----- YEAR 2019 -----     |         |          |   |
| ----- YEAR 2020 -----     |         |          |   |
| ----- YEAR 2021 -----     |         |          |   |
| ----- YEAR 2022 -----     |         |          |   |
| ----- YEAR 2023 -----     |         |          |   |
| ----- YEAR 2024 -----     |         |          |   |
| ----- YEAR 2025 -----     |         |          |   |
| ----- YEAR 2026 -----     |         |          |   |
| ----- YEAR 2027 -----     |         |          |   |
| ----- YEAR 2028 -----     |         |          |   |
| ----- YEAR 2029 -----     |         |          |   |
| ----- YEAR 2030 -----     |         |          |   |
| ----- YEAR 2031 -----     |         |          |   |
| ----- YEAR 2032 -----     |         |          |   |
| ----- YEAR 2033 -----     |         |          |   |
| ----- YEAR 2034 -----     |         |          |   |
| ----- YEAR 2035 -----     |         |          |   |
| ----- YEAR 2036 -----     |         |          |   |
| ----- YEAR 2037 -----     |         |          |   |
| ----- YEAR 2038 -----     |         |          |   |
| ----- YEAR 2039 -----     |         |          |   |
| ----- YEAR 2040 -----     |         |          |   |
|                           |         |          |   |
| THERMAL UNIT              | 186     | RP1TR_IM | 1 |
| UNIT FUELS                |         | 1        |   |
|                           |         |          |   |
| ----- YEAR 2011 -----     |         |          |   |
| MINIMUM BURN PCT          | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.41     |   |
| UNIT FUEL TYPE            | FUEL ID | 58       |   |
| ----- YEAR 2012 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.43     |   |
| ----- YEAR 2013 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.43     |   |
| ----- YEAR 2014 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.44     |   |
| ----- YEAR 2015 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.45     |   |
| ----- YEAR 2016 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.46     |   |
| ----- YEAR 2017 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.48     |   |
| ----- YEAR 2018 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.49     |   |
| ----- YEAR 2019 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.50     |   |
| ----- YEAR 2020 -----     |         |          |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.51     |   |
| ----- YEAR 2021 -----     |         |          |   |

| UNIT FUEL AUXILIARY COSTS | \$/MBTU |      |
|---------------------------|---------|------|
| ----- YEAR 2022 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.54 |
| ----- YEAR 2023 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.55 |
| ----- YEAR 2024 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.57 |
| ----- YEAR 2025 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.58 |
| ----- YEAR 2026 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.60 |
| ----- YEAR 2027 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.61 |
| ----- YEAR 2028 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.63 |
| ----- YEAR 2029 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.64 |
| ----- YEAR 2030 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.66 |
| ----- YEAR 2031 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.68 |
| ----- YEAR 2032 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.70 |
| ----- YEAR 2033 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.71 |
| ----- YEAR 2034 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.73 |
| ----- YEAR 2035 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.75 |
| ----- YEAR 2036 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.77 |
| ----- YEAR 2037 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.79 |
| ----- YEAR 2038 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.81 |
| ----- YEAR 2039 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.83 |
| ----- YEAR 2040 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.85 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT<br>UNIT FUELS | 187     | RP2TR_IM | 2 |
|----------------------------|---------|----------|---|
| ----- YEAR 2011 -----      |         |          |   |
| MINIMUM BURN PCT           | %       | 100.00   |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.41     |   |
| UNIT FUEL TYPE             | FUEL ID | 59       |   |
| ----- YEAR 2012 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.43     |   |
| ----- YEAR 2013 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.43     |   |
| ----- YEAR 2014 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.44     |   |
| ----- YEAR 2015 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.45     |   |
| ----- YEAR 2016 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.46     |   |
| ----- YEAR 2017 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.48     |   |

1 A Input Summary.txt

|                           |         |          |        |
|---------------------------|---------|----------|--------|
| ----- YEAR 2018 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.49   |
| ----- YEAR 2019 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.50   |
| ----- YEAR 2020 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.51   |
| ----- YEAR 2021 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.53   |
| ----- YEAR 2022 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.54   |
| ----- YEAR 2023 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.55   |
| ----- YEAR 2024 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.57   |
| ----- YEAR 2025 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.58   |
| ----- YEAR 2026 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.60   |
| ----- YEAR 2027 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.61   |
| ----- YEAR 2028 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.63   |
| ----- YEAR 2029 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.64   |
| ----- YEAR 2030 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.66   |
| ----- YEAR 2031 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.68   |
| ----- YEAR 2032 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.70   |
| ----- YEAR 2033 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.71   |
| ----- YEAR 2034 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.73   |
| ----- YEAR 2035 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.75   |
| ----- YEAR 2036 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.77   |
| ----- YEAR 2037 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.79   |
| ----- YEAR 2038 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.81   |
| ----- YEAR 2039 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.83   |
| ----- YEAR 2040 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.85   |
| THERMAL UNIT              | 188     | RP1TR_KP | 1      |
| UNIT FUELS                |         | 1        |        |
| ----- YEAR 2011 -----     |         |          |        |
| MINIMUM BURN PCT          | %       |          | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.41   |
| UNIT FUEL TYPE            | FUEL ID |          | 58     |
| ----- YEAR 2012 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.07   |
| ----- YEAR 2013 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.07   |
| ----- YEAR 2014 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.27   |
| ----- YEAR 2015 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.29   |
| ----- YEAR 2016 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.67   |
| ----- YEAR 2017 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.70   |
| ----- YEAR 2018 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.74   |

|                           |         |      |
|---------------------------|---------|------|
| ----- YEAR 2019 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.77 |
| ----- YEAR 2020 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.78 |
| ----- YEAR 2021 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.80 |
| ----- YEAR 2022 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.80 |
| ----- YEAR 2023 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.83 |
| ----- YEAR 2024 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.84 |
| ----- YEAR 2025 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.86 |
| ----- YEAR 2026 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.88 |
| ----- YEAR 2027 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.90 |
| ----- YEAR 2028 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.92 |
| ----- YEAR 2029 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.94 |
| ----- YEAR 2030 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.96 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |          |        |
|---------------------------|---------|----------|--------|
| THERMAL UNIT              | 188     | RP1TR_KP | 1      |
| UNIT FUELS                |         |          | 1      |
| ----- YEAR 2031 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.98   |
| ----- YEAR 2032 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.00   |
| ----- YEAR 2033 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.02   |
| ----- YEAR 2034 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.05   |
| ----- YEAR 2035 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.07   |
| ----- YEAR 2036 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.09   |
| ----- YEAR 2037 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.12   |
| ----- YEAR 2038 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.14   |
| ----- YEAR 2039 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.17   |
| ----- YEAR 2040 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 1.20   |
| THERMAL UNIT              | 189     | RP2TR_KP | 2      |
| UNIT FUELS                |         |          | 1      |
| ----- YEAR 2011 -----     |         |          |        |
| MINIMUM BURN PCT          | %       |          | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.00   |
| UNIT FUEL TYPE            | FUEL ID |          | 59     |
| ----- YEAR 2012 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.15   |
| ----- YEAR 2013 -----     |         |          |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |          | 0.16   |
| ----- YEAR 2014 -----     |         |          |        |

|                           |         |            |
|---------------------------|---------|------------|
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.51       |
| ----- YEAR 2015 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.55       |
| ----- YEAR 2016 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.58       |
| ----- YEAR 2017 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.61       |
| ----- YEAR 2018 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.65       |
| ----- YEAR 2019 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.67       |
| ----- YEAR 2020 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.70       |
| ----- YEAR 2021 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.72       |
| ----- YEAR 2022 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.74       |
| ----- YEAR 2023 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.76       |
| ----- YEAR 2024 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.78       |
| ----- YEAR 2025 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.80       |
| ----- YEAR 2026 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.83       |
| ----- YEAR 2027 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.85       |
| ----- YEAR 2028 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.88       |
| ----- YEAR 2029 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.90       |
| ----- YEAR 2030 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.93       |
| ----- YEAR 2031 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.95       |
| ----- YEAR 2032 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.98       |
| ----- YEAR 2033 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.01       |
| ----- YEAR 2034 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.04       |
| ----- YEAR 2035 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.07       |
| ----- YEAR 2036 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.10       |
| ----- YEAR 2037 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.13       |
| ----- YEAR 2038 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.16       |
| ----- YEAR 2039 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.20       |
| ----- YEAR 2040 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 1.23       |
| THERMAL UNIT              | 190     | T4_TRONA 4 |
| UNIT FUELS                |         | 1          |
| ----- YEAR 2011 -----     |         |            |
| MINIMUM BURN PCT          | %       | 100.00     |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.15       |
| UNIT FUEL TYPE            | FUEL ID | 69         |
| ----- YEAR 2012 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.16       |
| ----- YEAR 2013 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.16       |
| ----- YEAR 2014 -----     |         |            |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.17       |
| ----- YEAR 2015 -----     |         |            |

1 A Input Summary.txt

|                           |         |      |
|---------------------------|---------|------|
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.17 |
| ----- YEAR 2016 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.18 |
| ----- YEAR 2017 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.18 |
| ----- YEAR 2018 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.19 |
| ----- YEAR 2019 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.19 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                            |         |          |   |
|----------------------------|---------|----------|---|
| THERMAL UNIT<br>UNIT FUELS | 190     | T4_TRONA | 4 |
|                            |         | 1        |   |
| ----- YEAR 2020 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.20     |   |
| ----- YEAR 2021 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.20     |   |
| ----- YEAR 2022 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.21     |   |
| ----- YEAR 2023 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.22     |   |
| ----- YEAR 2024 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.22     |   |
| ----- YEAR 2025 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.23     |   |
| ----- YEAR 2026 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.23     |   |
| ----- YEAR 2027 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.24     |   |
| ----- YEAR 2028 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.25     |   |
| ----- YEAR 2029 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.26     |   |
| ----- YEAR 2030 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.26     |   |
| ----- YEAR 2031 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.27     |   |
| ----- YEAR 2032 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.28     |   |
| ----- YEAR 2033 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.29     |   |
| ----- YEAR 2034 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.29     |   |
| ----- YEAR 2035 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.30     |   |
| ----- YEAR 2036 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.31     |   |
| ----- YEAR 2037 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.32     |   |
| ----- YEAR 2038 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.33     |   |
| ----- YEAR 2039 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.34     |   |
| ----- YEAR 2040 -----      |         |          |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.35     |   |
| THERMAL UNIT<br>UNIT FUELS | 191     | T4_TRCCR | 4 |
|                            |         | 1        |   |
| ----- YEAR 2011 -----      |         |          |   |
| MINIMUM BURN PCT           | %       | 100.00   |   |

|                           |         |      |
|---------------------------|---------|------|
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.15 |
| UNIT FUEL TYPE            | FUEL ID | 69   |
| ----- YEAR 2012 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.16 |
| ----- YEAR 2013 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.16 |
| ----- YEAR 2014 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.17 |
| ----- YEAR 2015 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.17 |
| ----- YEAR 2016 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.18 |
| ----- YEAR 2017 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.18 |
| ----- YEAR 2018 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.19 |
| ----- YEAR 2019 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.19 |
| ----- YEAR 2020 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.20 |
| ----- YEAR 2021 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.20 |
| ----- YEAR 2022 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.21 |
| ----- YEAR 2023 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.22 |
| ----- YEAR 2024 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.22 |
| ----- YEAR 2025 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.23 |
| ----- YEAR 2026 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.23 |
| ----- YEAR 2027 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.24 |
| ----- YEAR 2028 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.25 |
| ----- YEAR 2029 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.26 |
| ----- YEAR 2030 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.26 |
| ----- YEAR 2031 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.27 |
| ----- YEAR 2032 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.28 |
| ----- YEAR 2033 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.29 |
| ----- YEAR 2034 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.29 |
| ----- YEAR 2035 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.30 |
| ----- YEAR 2036 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.31 |
| ----- YEAR 2037 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.32 |
| ----- YEAR 2038 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.33 |
| ----- YEAR 2039 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.34 |
| ----- YEAR 2040 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.35 |

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1 A Input Summary.txt  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |           |
|---------------------------|---------|-----------|
| THERMAL UNIT              | 192     | 0         |
| UNIT FUELS                | 1       |           |
| ----- YEAR 2011 -----     |         |           |
| MINIMUM BURN PCT          | %       | 100.00    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00      |
| UNIT FUEL TYPE            | FUEL ID | 0         |
| ----- YEAR 2012 -----     |         |           |
| ----- YEAR 2013 -----     |         |           |
| ----- YEAR 2014 -----     |         |           |
| ----- YEAR 2015 -----     |         |           |
| ----- YEAR 2016 -----     |         |           |
| ----- YEAR 2017 -----     |         |           |
| ----- YEAR 2018 -----     |         |           |
| ----- YEAR 2019 -----     |         |           |
| ----- YEAR 2020 -----     |         |           |
| ----- YEAR 2021 -----     |         |           |
| ----- YEAR 2022 -----     |         |           |
| ----- YEAR 2023 -----     |         |           |
| ----- YEAR 2024 -----     |         |           |
| ----- YEAR 2025 -----     |         |           |
| ----- YEAR 2026 -----     |         |           |
| ----- YEAR 2027 -----     |         |           |
| ----- YEAR 2028 -----     |         |           |
| ----- YEAR 2029 -----     |         |           |
| ----- YEAR 2030 -----     |         |           |
| ----- YEAR 2031 -----     |         |           |
| ----- YEAR 2032 -----     |         |           |
| ----- YEAR 2033 -----     |         |           |
| ----- YEAR 2034 -----     |         |           |
| ----- YEAR 2035 -----     |         |           |
| ----- YEAR 2036 -----     |         |           |
| ----- YEAR 2037 -----     |         |           |
| ----- YEAR 2038 -----     |         |           |
| ----- YEAR 2039 -----     |         |           |
| ----- YEAR 2040 -----     |         |           |
|                           |         |           |
| THERMAL UNIT              | 193     | ML_KP20 1 |
| UNIT FUELS                | 1       |           |
| ----- YEAR 2011 -----     |         |           |
| MINIMUM BURN PCT          | %       | 100.00    |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.05      |
| UNIT FUEL TYPE            | FUEL ID | 43        |
| ----- YEAR 2012 -----     |         |           |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.27      |
| ----- YEAR 2013 -----     |         |           |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.28      |
| ----- YEAR 2014 -----     |         |           |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.30      |
| ----- YEAR 2015 -----     |         |           |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.30      |
| ----- YEAR 2016 -----     |         |           |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.31      |
| ----- YEAR 2017 -----     |         |           |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.32      |
| ----- YEAR 2018 -----     |         |           |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.33      |

1 A Input Summary.txt

|                           |         |      |
|---------------------------|---------|------|
| ----- YEAR 2019 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.35 |
| ----- YEAR 2020 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.36 |
| ----- YEAR 2021 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.37 |
| ----- YEAR 2022 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.38 |
| ----- YEAR 2023 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.40 |
| ----- YEAR 2024 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.41 |
| ----- YEAR 2025 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.43 |
| ----- YEAR 2026 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.44 |
| ----- YEAR 2027 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.46 |
| ----- YEAR 2028 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.48 |
| ----- YEAR 2029 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.49 |
| ----- YEAR 2030 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.51 |
| ----- YEAR 2031 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.53 |
| ----- YEAR 2032 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.55 |
| ----- YEAR 2033 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.57 |
| ----- YEAR 2034 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.59 |
| ----- YEAR 2035 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.62 |
| ----- YEAR 2036 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.64 |
| ----- YEAR 2037 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.66 |
| ----- YEAR 2038 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.69 |
| ----- YEAR 2039 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.72 |
| ----- YEAR 2040 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.74 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |         |   |
|---------------------------|---------|---------|---|
| THERMAL UNIT              | 194     | ML_KP20 | 2 |
| UNIT FUELS                |         |         | 1 |
| ----- YEAR 2011 -----     |         |         |   |
| MINIMUM BURN PCT          | %       | 100.00  |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.05    |   |
| UNIT FUEL TYPE            | FUEL ID | 44      |   |
| ----- YEAR 2012 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.27    |   |
| ----- YEAR 2013 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.28    |   |
| ----- YEAR 2014 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.30    |   |
| ----- YEAR 2015 -----     |         |         |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.30    |   |

1 A Input Summary.txt

|                           |         |         |        |
|---------------------------|---------|---------|--------|
| ----- YEAR 2016 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.31   |
| ----- YEAR 2017 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.32   |
| ----- YEAR 2018 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.33   |
| ----- YEAR 2019 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.35   |
| ----- YEAR 2020 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.36   |
| ----- YEAR 2021 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.37   |
| ----- YEAR 2022 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.38   |
| ----- YEAR 2023 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.40   |
| ----- YEAR 2024 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.41   |
| ----- YEAR 2025 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.43   |
| ----- YEAR 2026 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.44   |
| ----- YEAR 2027 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.46   |
| ----- YEAR 2028 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.48   |
| ----- YEAR 2029 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.49   |
| ----- YEAR 2030 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.51   |
| ----- YEAR 2031 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.53   |
| ----- YEAR 2032 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.55   |
| ----- YEAR 2033 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.57   |
| ----- YEAR 2034 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.59   |
| ----- YEAR 2035 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.62   |
| ----- YEAR 2036 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.64   |
| ----- YEAR 2037 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.66   |
| ----- YEAR 2038 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.69   |
| ----- YEAR 2039 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.72   |
| ----- YEAR 2040 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.74   |
| THERMAL UNIT              | 195     | ML_KP50 | 1      |
| UNIT FUELS                |         |         | 1      |
| ----- YEAR 2011 -----     |         |         |        |
| MINIMUM BURN PCT          | %       |         | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.05   |
| UNIT FUEL TYPE            | FUEL ID |         | 43     |
| ----- YEAR 2012 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.27   |
| ----- YEAR 2013 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.28   |
| ----- YEAR 2014 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.30   |
| ----- YEAR 2015 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.30   |
| ----- YEAR 2016 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.31   |

1 A Input Summary.txt

|                           |         |      |
|---------------------------|---------|------|
| ----- YEAR 2017 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.32 |
| ----- YEAR 2018 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.33 |
| ----- YEAR 2019 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.35 |
| ----- YEAR 2020 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.36 |
| ----- YEAR 2021 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.37 |
| ----- YEAR 2022 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.38 |
| ----- YEAR 2023 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.40 |
| ----- YEAR 2024 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.41 |
| ----- YEAR 2025 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.43 |
| ----- YEAR 2026 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.44 |
| ----- YEAR 2027 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.46 |
| ----- YEAR 2028 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.48 |
| ----- YEAR 2029 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.49 |
| ----- YEAR 2030 -----     |         |      |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.51 |

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |         |        |
|---------------------------|---------|---------|--------|
| THERMAL UNIT              | 195     | ML_KP50 | 1      |
| UNIT FUELS                |         |         | 1      |
| ----- YEAR 2031 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.53   |
| ----- YEAR 2032 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.55   |
| ----- YEAR 2033 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.57   |
| ----- YEAR 2034 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.59   |
| ----- YEAR 2035 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.62   |
| ----- YEAR 2036 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.64   |
| ----- YEAR 2037 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.66   |
| ----- YEAR 2038 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.69   |
| ----- YEAR 2039 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.72   |
| ----- YEAR 2040 -----     |         |         |        |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.74   |
| THERMAL UNIT              | 196     | ML_KP50 | 2      |
| UNIT FUELS                |         |         | 1      |
| ----- YEAR 2011 -----     |         |         |        |
| MINIMUM BURN PCT          | %       |         | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU |         | 0.05   |
| UNIT FUEL TYPE            | FUEL ID |         | 44     |
| ----- YEAR 2012 -----     |         |         |        |

```

UNIT FUEL AUXILIARY COSTS      $/MBTU      0.27      1 A Input Summary.txt
----- YEAR 2013 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.28
----- YEAR 2014 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.30
----- YEAR 2015 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.30
----- YEAR 2016 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.31
----- YEAR 2017 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.32
----- YEAR 2018 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.33
----- YEAR 2019 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.35
----- YEAR 2020 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.36
----- YEAR 2021 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.37
----- YEAR 2022 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.38
----- YEAR 2023 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.40
----- YEAR 2024 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.41
----- YEAR 2025 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.43
----- YEAR 2026 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.44
----- YEAR 2027 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.46
----- YEAR 2028 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.48
----- YEAR 2029 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.49
----- YEAR 2030 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.51
----- YEAR 2031 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.53
----- YEAR 2032 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.55
----- YEAR 2033 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.57
----- YEAR 2034 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.59
----- YEAR 2035 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.62
----- YEAR 2036 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.64
----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.66
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.69
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.72
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.74
THERMAL UNIT                    197      0
UNIT FUELS                      1
----- YEAR 2011 -----
MINIMUM BURN PCT                %      100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.00
UNIT FUEL TYPE                  FUEL ID      0
----- YEAR 2012 -----
----- YEAR 2013 -----

```

----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 197 0  
 UNIT FUELS 1

----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT 198 0  
 UNIT FUELS 1

----- YEAR 2011 -----  
 MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00  
 UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT  
 UNIT FUELS

199

0

1

----- YEAR 2011 -----  
 MINIMUM BURN PCT  
 UNIT FUEL AUXILIARY COSTS  
 UNIT FUEL TYPE

%  
 \$/MBTU  
 FUEL ID

100.00  
 0.00  
 0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                            |         |        |   |
|----------------------------|---------|--------|---|
| THERMAL UNIT<br>UNIT FUELS | 199     | 0      | 1 |
| ----- YEAR 2038 -----      |         |        |   |
| ----- YEAR 2039 -----      |         |        |   |
| ----- YEAR 2040 -----      |         |        |   |
| THERMAL UNIT<br>UNIT FUELS | 200     | 0      | 1 |
| ----- YEAR 2011 -----      |         |        |   |
| MINIMUM BURN PCT           | %       | 100.00 |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.00   |   |
| UNIT FUEL TYPE             | FUEL ID | 0      |   |
| ----- YEAR 2012 -----      |         |        |   |
| ----- YEAR 2013 -----      |         |        |   |
| ----- YEAR 2014 -----      |         |        |   |
| ----- YEAR 2015 -----      |         |        |   |
| ----- YEAR 2016 -----      |         |        |   |
| ----- YEAR 2017 -----      |         |        |   |
| ----- YEAR 2018 -----      |         |        |   |
| ----- YEAR 2019 -----      |         |        |   |
| ----- YEAR 2020 -----      |         |        |   |
| ----- YEAR 2021 -----      |         |        |   |
| ----- YEAR 2022 -----      |         |        |   |
| ----- YEAR 2023 -----      |         |        |   |
| ----- YEAR 2024 -----      |         |        |   |
| ----- YEAR 2025 -----      |         |        |   |
| ----- YEAR 2026 -----      |         |        |   |
| ----- YEAR 2027 -----      |         |        |   |
| ----- YEAR 2028 -----      |         |        |   |
| ----- YEAR 2029 -----      |         |        |   |
| ----- YEAR 2030 -----      |         |        |   |
| ----- YEAR 2031 -----      |         |        |   |
| ----- YEAR 2032 -----      |         |        |   |
| ----- YEAR 2033 -----      |         |        |   |
| ----- YEAR 2034 -----      |         |        |   |
| ----- YEAR 2035 -----      |         |        |   |
| ----- YEAR 2036 -----      |         |        |   |
| ----- YEAR 2037 -----      |         |        |   |
| ----- YEAR 2038 -----      |         |        |   |
| ----- YEAR 2039 -----      |         |        |   |
| ----- YEAR 2040 -----      |         |        |   |
| THERMAL UNIT<br>UNIT FUELS | 201     | 0      | 1 |
| ----- YEAR 2011 -----      |         |        |   |
| MINIMUM BURN PCT           | %       | 100.00 |   |
| UNIT FUEL AUXILIARY COSTS  | \$/MBTU | 0.00   |   |
| UNIT FUEL TYPE             | FUEL ID | 0      |   |
| ----- YEAR 2012 -----      |         |        |   |
| ----- YEAR 2013 -----      |         |        |   |
| ----- YEAR 2014 -----      |         |        |   |



1 A Input Summary.txt

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                      202                      0  
 UNIT FUELS                                              1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                      %                      100.00  
 UNIT FUEL AUXILIARY COSTS                      \$/MBTU                      0.00  
 UNIT FUEL TYPE                      FUEL ID                      0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                      202                      0  
 UNIT FUELS                                              1

----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----

----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----  
  
 THERMAL UNIT                      203                      0  
 UNIT FUELS                                              1  
  
 ----- YEAR 2011 -----  
 MINIMUM BURN PCT                      %                      100.00  
 UNIT FUEL AUXILIARY COSTS                      \$ /MBTU                      0.00  
 UNIT FUEL TYPE                      FUEL ID                      0  
  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 204 | 0 |
| UNIT FUELS   | 1   |   |

----- YEAR 2011 -----

MINIMUM BURN PCT % 100.00

UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00

UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 204 | 0 |
| UNIT FUELS   | 1   |   |

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 205 | 0 |
| UNIT FUELS   | 1   |   |

----- YEAR 2011 -----

MINIMUM BURN PCT % 100.00

UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00

UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

1 A Input Summary.txt

----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                           |         |        |
|---------------------------|---------|--------|
| THERMAL UNIT              | 206     | 0      |
| UNIT FUELS                | 1       |        |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    207                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    207                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----

1 A Input Summary.txt

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 208 | 0 |
| UNIT FUELS   | 1   |   |

----- YEAR 2011 -----

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 209 | 0 |
| UNIT FUELS   | 1   |   |

----- YEAR 2011 -----

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 209 0  
 UNIT FUELS 1

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

THERMAL UNIT 210 0  
 UNIT FUELS 1

----- YEAR 2011 -----

MINIMUM BURN PCT % 100.00  
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00  
 UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

1 A Input Summary.txt

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

|                           |         |        |
|---------------------------|---------|--------|
| THERMAL UNIT              | 211     | 0      |
| UNIT FUELS                | 1       |        |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----

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 Strategist Page 457

AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                       |     |   |
|-----------------------|-----|---|
| THERMAL UNIT          | 211 | 0 |
| UNIT FUELS            | 1   |   |
| ----- YEAR 2037 ----- |     |   |
| ----- YEAR 2038 ----- |     |   |



----- YEAR 2039 -----

----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 212 | 0 |
| UNIT FUELS   | 1   |   |

----- YEAR 2011 -----

MINIMUM BURN PCT % 100.00

UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00

UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 213 | 0 |
| UNIT FUELS   | 1   |   |

----- YEAR 2011 -----

MINIMUM BURN PCT % 100.00

UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00

UNIT FUEL TYPE FUEL ID 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    214                    0  
 UNIT FUELS                    1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$ /MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----

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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT                    214                    0  
 UNIT FUELS                    1

----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----

----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    215                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

THERMAL UNIT                    216                    0  
 UNIT FUELS                                            1

----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS                    \$/MBTU                    0.00  
 UNIT FUEL TYPE                    FUEL ID                    0

----- YEAR 2012 -----  
 ----- YEAR 2013 -----

```

----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----

```

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AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 216 | 0 |
| UNIT FUELS   | 1   |   |

```

----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 217 | 0 |
| UNIT FUELS   | 1   |   |

|                           |         |        |
|---------------------------|---------|--------|
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----

```

----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----  
 ----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----  
  
 THERMAL UNIT                    218                    0  
 UNIT FUELS                        1  
  
 ----- YEAR 2011 -----  
 MINIMUM BURN PCT                    %                    100.00  
 UNIT FUEL AUXILIARY COSTS           \$ /MBTU               0.00  
 UNIT FUEL TYPE                    FUEL ID               0  
  
 ----- YEAR 2012 -----  
 ----- YEAR 2013 -----  
 ----- YEAR 2014 -----  
 ----- YEAR 2015 -----  
 ----- YEAR 2016 -----  
 ----- YEAR 2017 -----  
 ----- YEAR 2018 -----  
 ----- YEAR 2019 -----  
 ----- YEAR 2020 -----  
 ----- YEAR 2021 -----  
 ----- YEAR 2022 -----  
 ----- YEAR 2023 -----  
 ----- YEAR 2024 -----  
 ----- YEAR 2025 -----  
 ----- YEAR 2026 -----  
 ----- YEAR 2027 -----  
 ----- YEAR 2028 -----  
 ----- YEAR 2029 -----  
 ----- YEAR 2030 -----  
 ----- YEAR 2031 -----  
 ----- YEAR 2032 -----  
 ----- YEAR 2033 -----  
 ----- YEAR 2034 -----  
 ----- YEAR 2035 -----  
 ----- YEAR 2036 -----  
 ----- YEAR 2037 -----

----- YEAR 2038 -----  
 ----- YEAR 2039 -----  
 ----- YEAR 2040 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.  
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AEP EAST  
 GENERATION AND FUEL MODULE  
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|                           |         |        |
|---------------------------|---------|--------|
| THERMAL UNIT              | 219     | 0      |
| UNIT FUELS                |         | 1      |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |
| ----- YEAR 2012 -----     |         |        |
| ----- YEAR 2013 -----     |         |        |
| ----- YEAR 2014 -----     |         |        |
| ----- YEAR 2015 -----     |         |        |
| ----- YEAR 2016 -----     |         |        |
| ----- YEAR 2017 -----     |         |        |
| ----- YEAR 2018 -----     |         |        |
| ----- YEAR 2019 -----     |         |        |
| ----- YEAR 2020 -----     |         |        |
| ----- YEAR 2021 -----     |         |        |
| ----- YEAR 2022 -----     |         |        |
| ----- YEAR 2023 -----     |         |        |
| ----- YEAR 2024 -----     |         |        |
| ----- YEAR 2025 -----     |         |        |
| ----- YEAR 2026 -----     |         |        |
| ----- YEAR 2027 -----     |         |        |
| ----- YEAR 2028 -----     |         |        |
| ----- YEAR 2029 -----     |         |        |
| ----- YEAR 2030 -----     |         |        |
| ----- YEAR 2031 -----     |         |        |
| ----- YEAR 2032 -----     |         |        |
| ----- YEAR 2033 -----     |         |        |
| ----- YEAR 2034 -----     |         |        |
| ----- YEAR 2035 -----     |         |        |
| ----- YEAR 2036 -----     |         |        |
| ----- YEAR 2037 -----     |         |        |
| ----- YEAR 2038 -----     |         |        |
| ----- YEAR 2039 -----     |         |        |
| ----- YEAR 2040 -----     |         |        |
| THERMAL UNIT              | 220     | 0      |
| UNIT FUELS                |         | 1      |
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |
| ----- YEAR 2012 -----     |         |        |

1 A Input Summary.txt

|       |           |       |
|-------|-----------|-------|
| ----- | YEAR 2013 | ----- |
| ----- | YEAR 2014 | ----- |
| ----- | YEAR 2015 | ----- |
| ----- | YEAR 2016 | ----- |
| ----- | YEAR 2017 | ----- |
| ----- | YEAR 2018 | ----- |
| ----- | YEAR 2019 | ----- |
| ----- | YEAR 2020 | ----- |
| ----- | YEAR 2021 | ----- |
| ----- | YEAR 2022 | ----- |
| ----- | YEAR 2023 | ----- |
| ----- | YEAR 2024 | ----- |
| ----- | YEAR 2025 | ----- |
| ----- | YEAR 2026 | ----- |
| ----- | YEAR 2027 | ----- |
| ----- | YEAR 2028 | ----- |
| ----- | YEAR 2029 | ----- |
| ----- | YEAR 2030 | ----- |
| ----- | YEAR 2031 | ----- |
| ----- | YEAR 2032 | ----- |
| ----- | YEAR 2033 | ----- |
| ----- | YEAR 2034 | ----- |
| ----- | YEAR 2035 | ----- |
| ----- | YEAR 2036 | ----- |
| ----- | YEAR 2037 | ----- |
| ----- | YEAR 2038 | ----- |
| ----- | YEAR 2039 | ----- |
| ----- | YEAR 2040 | ----- |

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 221 | 0 |
| UNIT FUELS   |     | 1 |

|                           |         |        |
|---------------------------|---------|--------|
| ----- YEAR 2011 -----     |         |        |
| MINIMUM BURN PCT          | %       | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |
| UNIT FUEL TYPE            | FUEL ID | 0      |

```

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF  
VALUE CHANGED FROM PREVIOUS YEAR.  
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Strategist Page 461

AEP EAST  
GENERATION AND FUEL MODULE  
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

|              |     |   |
|--------------|-----|---|
| THERMAL UNIT | 221 | 0 |
|--------------|-----|---|

|                           |         |        |   |
|---------------------------|---------|--------|---|
| UNIT FUELS                |         |        | 1 |
| ----- YEAR 2023 -----     |         |        |   |
| ----- YEAR 2024 -----     |         |        |   |
| ----- YEAR 2025 -----     |         |        |   |
| ----- YEAR 2026 -----     |         |        |   |
| ----- YEAR 2027 -----     |         |        |   |
| ----- YEAR 2028 -----     |         |        |   |
| ----- YEAR 2029 -----     |         |        |   |
| ----- YEAR 2030 -----     |         |        |   |
| ----- YEAR 2031 -----     |         |        |   |
| ----- YEAR 2032 -----     |         |        |   |
| ----- YEAR 2033 -----     |         |        |   |
| ----- YEAR 2034 -----     |         |        |   |
| ----- YEAR 2035 -----     |         |        |   |
| ----- YEAR 2036 -----     |         |        |   |
| ----- YEAR 2037 -----     |         |        |   |
| ----- YEAR 2038 -----     |         |        |   |
| ----- YEAR 2039 -----     |         |        |   |
| ----- YEAR 2040 -----     |         |        |   |
|                           |         |        |   |
| THERMAL UNIT              | 222     |        | 0 |
| UNIT FUELS                |         | 1      |   |
| ----- YEAR 2011 -----     |         |        |   |
| MINIMUM BURN PCT          | %       | 100.00 |   |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00   |   |
| UNIT FUEL TYPE            | FUEL ID | 0      |   |
| ----- YEAR 2012 -----     |         |        |   |
| ----- YEAR 2013 -----     |         |        |   |
| ----- YEAR 2014 -----     |         |        |   |
| ----- YEAR 2015 -----     |         |        |   |
| ----- YEAR 2016 -----     |         |        |   |
| ----- YEAR 2017 -----     |         |        |   |
| ----- YEAR 2018 -----     |         |        |   |
| ----- YEAR 2019 -----     |         |        |   |
| ----- YEAR 2020 -----     |         |        |   |
| ----- YEAR 2021 -----     |         |        |   |
| ----- YEAR 2022 -----     |         |        |   |
| ----- YEAR 2023 -----     |         |        |   |
| ----- YEAR 2024 -----     |         |        |   |
| ----- YEAR 2025 -----     |         |        |   |
| ----- YEAR 2026 -----     |         |        |   |
| ----- YEAR 2027 -----     |         |        |   |
| ----- YEAR 2028 -----     |         |        |   |
| ----- YEAR 2029 -----     |         |        |   |
| ----- YEAR 2030 -----     |         |        |   |
| ----- YEAR 2031 -----     |         |        |   |
| ----- YEAR 2032 -----     |         |        |   |
| ----- YEAR 2033 -----     |         |        |   |
| ----- YEAR 2034 -----     |         |        |   |
| ----- YEAR 2035 -----     |         |        |   |
| ----- YEAR 2036 -----     |         |        |   |
| ----- YEAR 2037 -----     |         |        |   |