

2B 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 | 1 SO2 (E) | | | | | | |
|---------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 130 CR2_MGCC 2 | 131 MR5_MGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 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 -----
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 ----- YEAR 2026 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 1 SO2 (E) | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| | 137 RP2D_KP 2 | 144 TC4_ESP 4 | 153 MTN_16% 1 | 185 RP1D_03 1 | 186 RP1TR_IM 1 | 187 RP2TR_IM 2 | 188 RP1TR_KP 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 1 SO2 (E) | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| | 137 RP2D_KP 2 | 144 TC4_ESP 4 | 153 MTN_16% 1 | 185 RP1D_03 1 | 186 RP1TR_IM 1 | 187 RP2TR_IM 2 | 188 RP1TR_KP 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 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |
| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | |

2B Input Summary.TXT

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

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

| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 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 -----

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

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

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

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

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

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

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

EFFLUENT
THERMAL UNIT

| | | | | | | | |
|-----------|-----|----------|----------|----------|----------|---------|---------|
| 1 S02 (E) | 201 | 500 | 501 | 502 | 503 | 955 | 956 |
| | | DUMMY_OF | DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KP50 | CT_KP50 |
| | 0 | 0 | 0 | 0 | 0 | 955 | 956 |

----- 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 -----
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 ----- YEAR 2025 -----
 ----- YEAR 2026 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 1 S02 (E) | 201 | 500 DUMMY_OP | 501 DUMMY_IM | 502 DUMMY_AP | 503 DUMMY_KP | 955 CT_KPC0 | 956 CT_KPC0 |
|--------------------------|-----------|-----|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| | | 0 | 0 | 0 | 0 | 0 | 955 | 956 |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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) | 957 CT_KPC0 | 958 CT_KPC0 | 959 RP2D_KP | 960 RP2D_IM | 961 CSV6_SCR | 962 CSV5_SCR | 963 DUMMY_OP |
|---------------------------|-----------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| | | 957 | 958 | 959 | 960 | 961 | 962 | 963 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- 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 -----
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2B Input Summary.TXT

----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2040 -----

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|--------------|-----------|---------|---------|----------|----------|----------|----------|--|
| EFFLUENT | 1 S02 (E) | | | | | | | |
| THERMAL UNIT | | | | | | | | |
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| | BS_BFCC | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | |
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |

| | | | | | | | | |
|---------------------------|------|------|------|------|------|------|------|------|
| ----- 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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

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2B Input Summary.TXT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 1 S02 (E) | 964 | 965 | 966 | 967 | 968 | 969 | 970 |
|--------------------------|-----------|---------|---------|----------|----------|----------|----------|-----|
| | BS_BFCC | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MRS_NGCC | |
| | | 964 | 965 | 966 | 967 | 968 | 969 | 970 |
| ----- | YEAR 2037 | ----- | | | | | | |
| ----- | YEAR 2038 | ----- | | | | | | |
| ----- | YEAR 2039 | ----- | | | | | | |
| ----- | YEAR 2040 | ----- | | | | | | |

| EFFLUENT THERMAL UNIT | 1 S02 (E) | 971 | 972 | 973 | 974 | 975 | 976 | 977 |
|---------------------------|-----------|----------|----------|----------|----------|----------|----------|------|
| | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | |
| | | 971 | 972 | 973 | 974 | 975 | 976 | 977 |
| ----- | 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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 1 S02 (E) | 978 | 979 | 980 | 981 | 982 | 983 | 984 |
|---------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 978 | 979 | 980 | 981 | 982 | 983 | 984 |
| ----- | 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 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 1 S02 (E) | | | | | | | |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|
| | 985 DUMMY_OP | 986 DUMMY_OP | 987 DUMMY_OP | 988 DUMMY_OP | 989 DUMMY_OP | 990 DUMMY_OP | 991 DUMMY_OP | |
| ----- 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 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 1 S02 (E) | | | | | | | |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| | 985 DUMMY_OP | 986 DUMMY_OP | 987 DUMMY_OP | 988 DUMMY_OP | 989 DUMMY_OP | 990 DUMMY_OP | 991 DUMMY_OP | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

1 802 (E)

| 992 DUMMY_OP 992 | 993 DUMMY_OP 993 | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | 998 T4_TRONA 998 |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2035 -----

| | | | | | | |
|------|------|------|------|------|------|------|
| 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 |

2B Input Summary.TXT

| | 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 ----- | | | | | | | |
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| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
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| ----- YEAR 2030 ----- | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | |
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| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | |

EFFLUENT
THERMAL UNIT

2 CO2 (S)

| | 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 | 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 ----- | | | | | | | |
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| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |

----- YEAR 2023 -----
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 ----- YEAR 2030 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | | |
|--------------------------|--------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
| | 8 CARD 1+2 2 | 9 CARD 3 3 | 10 CLIFTY 1 | 11 CLIFTY 2 | 12 CLIFTY 3 | 13 CLIFTY 4 | 14 CLIFTY 5 | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | |
|---------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 15 CLIFTY 6 | 16 CLINCH R 1 | 17 CLINCH R 2 | 18 CLINCH R 3 | 19 ROCKP_KP 1 | 20 ROCKP_KP 2 | 21 CSVL 1-4 3 |
| 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 | 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 -----

2B 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 (\$) | | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|--|
| | 22 CSVL 1-4 4 | 23 CSVL 5+6 5 | 24 CSVL 5+6 6 | 25 D C COOK 1 | 26 D C COOK 2 | 27 GAVIN 1 | 28 GAVIN 2 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 205.82 | 205.82 | |
| EMISSIONS DATA AT MINIMUM | 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 205.82 | 205.82 | |
| EMISSIONS DATA PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ----- YEAR 2012 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 206.11 | 206.11 | |
| EMISSIONS DATA AT MINIMUM | 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 206.11 | 206.11 | |
| ----- YEAR 2013 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 205.30 | 205.30 | |
| EMISSIONS DATA AT MINIMUM | 208.40 | 210.66 | 210.66 | 0.00 | 0.00 | 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 ----- | | | | | | | | |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| 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 | 4 | 5 | 6 | 1 | 2 | 1 | 2 |
| ----- YEAR 2040 ----- | | | | | | | | | |
| EFFLUENT THERMAL UNIT | 2 | CO2 (\$) | 29 | 30 | 33 | 34 | 35 | 36 | 37 |
| | GLEN LYN | | | GLEN LYN | KAMMER | KAMMER | KAMMER | KANAWHA | KANAWHA |
| | | 5 | 5 | 6 | 1 | 2 | 3 | 1 | 2 |
| ----- YEAR 2011 ----- | | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | | 205.30 | 205.30 | 208.26 | 208.26 | 208.26 | 208.26 | 205.30 | 205.30 |
| EMISSIONS DATA AT MINIMUM | | 205.30 | 205.30 | 208.26 | 208.26 | 208.26 | 208.26 | 205.30 | 205.30 |
| 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 THERMAL UNIT | 2 | CO2 (\$) | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| | KYGER | | | KYGER | KYGER | KYGER | KYGER | MITCHELL | MITCHELL |
| | | 1 | 1 | 2 | 3 | 4 | 5 | 1 | 2 |
| ----- YEAR 2011 ----- | | | | | | | | | |
| 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 2012 ----- | | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | | |

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 (\$) | | | | | | | P SPORN |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------|
| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | 51 P SPORN 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 | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | | P SPORN |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------|
| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | 51 P SPORN 1 | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |

2B 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 -----

| EFFLUENT THERMAL UNIT | 2 CO2 (S) 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 | 57 RPRET_IM 1 | 58 RPRUN_IM 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 ----- | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 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 -----
 ----- YEAR 2023 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 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 -----

2B Input Summary.TXT

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | | |
|---------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|--|
| | 67 TANN 1-3 2 | 68 TANN 1-3 3 | 69 TANN 4 4 | 70 ZIMMER 1 | 71 ROBTMONE 1 | 72 ROBTMONE 2 | 73 ROBTMONE 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 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 | 79 CEREDO 5 | 80 CEREDO 6 | 81 DARBY 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | | |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|--|
| | CEREDO 75 1 | CEREDO 76 2 | CEREDO 77 3 | CEREDO 78 4 | CEREDO 79 5 | CEREDO 80 6 | DARBY 81 1 | |

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

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | | |
|--------------------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|--|
| | DARBY 82 2 | DARBY 83 3 | DARBY 84 4 | DARBY 85 5 | DARBY 86 6 | LWBG WIN 87 1 | LWBG WIN 88 2 | |

| | | | | | | | | |
|---------------------------|------|------|------|------|------|------|------|--|
| 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 -----

2B 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 THERMAL UNIT | 2 CO2 (\$) | | | | | | | 96 CT_APC0 1 | |
|--------------------------|------------|-----|------|-----|------|----|-------|--------------------|---------|
| | 89 | | 90 | | 91 | 92 | 93 | | 94 |
| | LWBG | SMR | LWBG | SMR | WATR | CC | WATR2 | | DRESDEN |
| | 1 | | 2 | 1 | | 1 | | 1 | 1 |

| | | | | | | | | | |
|---------------------------|------|--|------|--|------|--|------|--|------|
| ----- YEAR 2011 ----- | | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 |
| EMISSIONS DATA PROFILE | 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 2034 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
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 ----- 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 THERMAL UNIT | 2 CO2 (\$) | | | | | | | |
|---------------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--|
| | 97 CC_APCO 1 | 98 IGCC AP 1 | 99 PC_UL_AP 1 | 100 Nuke_AP 1 | 101 CT_I&M 1 | 102 CC_I&M 1 | 103 IGCC IM 1 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 205.30 | 205.30 | 0.00 | 0.00 | 0.00 | 205.30 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 205.30 | 205.30 | 0.00 | 0.00 | 0.00 | 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 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 (\$) | | | | | | | |
|---------------------------|----------------------|---------------------|----------------------|----------------------|---------------------|----------------------|---------------------|--|
| | 104 PC_UL_IM 1 | 105 NUKE_IM 1 | 106 CT_KP CO 1 | 107 CC_KP CO 1 | 108 IGCC KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 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 ----- | | | | | | | | |

2B 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 -----

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | |
|---------------------------|----------------|--------------|----------------|-----------------|----------------|-----------------|----------------|
| | 111 CT_OHIO | 112 CC_OH | 113 IGCC OH | 114 PC_UL_OH | 115 NUKE OH | 116 CC_FA_KP | 118 BS1_Gas |
| | 1 | 1 | 1 | 1 | 1 | 1 | 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 -----

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 (\$) | | | | | | |
|--------------------------|----------------|--------------|----------------|-----------------|----------------|-----------------|----------------|
| | 111 CT_OHIO | 112 CC_OH | 113 IGCC OH | 114 PC_UL_OH | 115 NUKE OH | 116 CC_FA_KP | 118 BS1_Gas |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |

2B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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

----- 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 -----

| 2 CO2 (S) | | 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 |
| 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 |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 2 CO2 (S) | | | | | | |
|---------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 130 CR2_NGCC 2 | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 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 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

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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 THERMAL UNIT | 2 CO2 (S) | | | | | | |
|--------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 130 CR2_NGCC 2 | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 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 | 2 CO2 (S) | | | | | | |
|--------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| | 137 RP2D_KP 2 | 144 TC4_ESP 4 | 153 MTN_18% 1 | 185 RP1D_03 1 | 186 RP1TR_IM 1 | 187 RP2TR_IM 2 | 188 RP1TR_KP 1 |

2B Input Summary.TXT

| YEAR 2011 | | | | | | | |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|
| 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 -----
 ----- 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) | 189 | 190 | 191 | 193 | 194 | 195 | 196 |
|-----------|----------|----------|---------|---------|---------|---------|---------|
| RP2TR_KP | T4_TRONA | T4_TRCCR | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 | ML_KP50 |
| | 2 | 4 | 4 | 1 | 2 | 1 | 2 |

| | | | | | | | |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|
| 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | 189 RP2TR_KP 2 | 190 T4_TRONA 4 | 191 T4_TRCCR 4 | 193 ML_KP20 1 | 194 ML_KP20 2 | 195 ML_KP50 1 | 196 ML_KP50 2 |
|---------------------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| ----- YEAR 2040 ----- | | | | | | | | |
| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | 201 0 | 500 DUMMY_OP 0 | 501 DUMMY_IM 0 | 502 DUMMY_AP 0 | 503 DUMMY_KP 0 | 955 CT_KPC0 955 | 956 CT_KPC0 956 |
| ----- 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 ----- | | | | | | | | |

2B Input Summary.TXT

----- 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 (\$) | | | | | | |
|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| | 957 CT_KPCC 957 | 958 CT_KPCC 958 | 959 RP2D_KP 959 | 960 RP2D_IM 960 | 961 CSV6_SCR 961 | 962 CSV5_SCR 962 | 963 DUMMY_OP 963 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 212.58 | 212.58 | 210.66 | 210.66 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 212.58 | 212.58 | 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 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 (\$) | | | | | | |
|---------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| | 964 BS_BFCC 964 | 965 RP1D_KP 965 | 966 RP1D_03 966 | 967 DUMMY_KP 967 | 968 CR2_NGCC 968 | 969 CR1_NGCC 969 | 970 MR5_NGCC 970 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 212.58 | 212.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 212.58 | 212.58 | 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | | | | | | | |
|--------------------------|------------|---------|---------|----------|----------|----------|----------|--|
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| | BS_BFCC | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | |
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 (\$) | | | | | | | |
|--------------------------|------------|----------|----------|----------|----------|----------|----------|--|
| | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | |
| | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |

| | | | | | | | |
|---------------------------|--------|--------|------|------|------|------|------|
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 211.74 | 211.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 211.74 | 211.74 | 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 -----

2B Input Summary.TXT

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- 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 THERMAL UNIT | 2 CO2 (\$) | | | | | | | |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| | 978 DUMMY_OP | 979 DUMMY_OP | 980 DUMMY_OP | 981 DUMMY_OP | 982 DUMMY_OP | 983 DUMMY_OP | 984 DUMMY_OP | |
| ----- 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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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 (\$) | | | | | | | |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| | 978 DUMMY_OP | 979 DUMMY_OP | 980 DUMMY_OP | 981 DUMMY_OP | 982 DUMMY_OP | 983 DUMMY_OP | 984 DUMMY_OP | |
| | | | | | | | | |

2B Input Summary.TXT

978 979 980 981 982 983 984

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 (\$)

| | | | | | | | |
|----------|-----|----------|----------|----------|----------|----------|----------|
| | 985 | 986 | 987 | 988 | 989 | 990 | 991 |
| DUMMY_OP | | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 985 | 986 | 987 | 988 | 989 | 990 | 991 |

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

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | 992 DUMMY_OP 992 | 993 DUMMY_OP 993 | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | 998 T4_TRONA 998 |
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- 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 | 211.22 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 211.22 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2017 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2033 -----
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 ----- YEAR 2035 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | 992 DUMMY_OP 992 | 993 DUMMY_OP 993 | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | 998 T4_TRONA 998 |
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|--------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 2 CO2 (\$) | 999 DUMMY_OP 999 |
|--------------------------|------------|------------------------|
|--------------------------|------------|------------------------|

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

| | | |
|------|------|---|
| 0.00 | 0.00 | 0 |
|------|------|---|

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

2B 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

| 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 |
| 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 -----
 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 -----

2B 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 THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|---------------------------|--------------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|
| | 8 CARD 1+2 2 | 9 CARD 3 3 | 10 CLIFTY 1 1 | 11 CLIFTY 2 2 | 12 CLIFTY 3 3 | 13 CLIFTY 4 4 | 14 CLIFTY 5 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 |

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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 THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|--------------------------|--------------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--|
| | 8 CARD 1+2 2 | 9 CARD 3 3 | 10 CLIFTY 1 1 | 11 CLIFTY 2 2 | 12 CLIFTY 3 3 | 13 CLIFTY 4 4 | 14 CLIFTY 5 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | |
|---------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 15 CLIFTY 6 | 16 CLINCH R 1 | 17 CLINCH R 2 | 18 CLINCH R 3 | 19 ROCKP_KP 1 | 20 ROCKP_KP 2 | 21 CSVL 1-4 3 |
| 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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 ----- 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) | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|
| | 22 CSVL 1-4 4 | 23 CSVL 5+6 5 | 24 CSVL 5+6 6 | 25 D C COOK 1 | 26 D C COOK 2 | 27 GAVIN 1 | 28 GAVIN 2 |
| 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 THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|--|
| | 22 CSVL 1-4 4 | 23 CSVL 5+6 5 | 24 CSVL 5+6 6 | 25 D C COOK 1 | 26 D C COOK 2 | 27 GAVIN 1 | 28 GAVIN 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 THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|---------------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--|
| | 29 GLEN LYN 5 | 30 GLEN LYN 6 | 33 KAMMER 1 | 34 KAMMER 2 | 35 KAMMER 3 | 36 KANAWHA 1 | 37 KANAWHA 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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|---------------------------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|------|
| | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 | 43 MITCHELL 1 | 44 MITCHELL 2 | |
| ----- 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 ----- | | | | | | | | |

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2B Input Summary.TXT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
|-----------------------|-----------|-------|-------|-------|-------|-------|----------|----------|
| | | KYGER | KYGER | KYGER | KYGER | KYGER | MITCHELL | MITCHELL |
| | | 1 | 2 | 3 | 4 | 5 | 1 | 2 |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | 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 | | 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 -----
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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 -----

| 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 |

2B Input Summary.TXT

| YEAR | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | EMISSIONS DATA PROFILE | | | | | |
|------|---------------------------|---------------------------|------------------------|------|------|------|------|------|
| 2011 | 0.00 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | | | | | | | | |
| 2013 | | | | | | | | |
| 2014 | | | | | | | | |
| 2015 | | | | | | | | |
| 2016 | | | | | | | | |
| 2017 | | | | | | | | |
| 2018 | | | | | | | | |
| 2019 | | | | | | | | |
| 2020 | | | | | | | | |
| 2021 | | | | | | | | |
| 2022 | | | | | | | | |
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| 2024 | | | | | | | | |
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| 2026 | | | | | | | | |
| 2027 | | | | | | | | |
| 2028 | | | | | | | | |
| 2029 | | | | | | | | |
| 2030 | | | | | | | | |
| 2031 | | | | | | | | |
| 2032 | | | | | | | | |
| 2033 | | | | | | | | |
| 2034 | | | | | | | | |
| 2035 | | | | | | | | |
| 2036 | | | | | | | | |
| 2037 | | | | | | | | |
| 2038 | | | | | | | | |
| 2039 | | | | | | | | |
| 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 THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|-----------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|------|
| | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 1 | |
| 2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | | | | | | | | |
| 2013 | | | | | | | | |
| 2014 | | | | | | | | |
| 2015 | | | | | | | | |
| 2016 | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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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 -----

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | |
|---------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| | 67 TANN 1-3 2 | 68 TANN 1-3 3 | 69 TANN 4 4 | 70 ZIMMER 1 | 71 ROBTHONE 1 | 72 ROBTHONE 2 | 73 ROBTHONE 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 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | | 81 DARBY 1 |
|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|------------------|
| | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 | 79 CEREDO 5 | 80 CEREDO 6 | | |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 118.85 | 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 | 118.85 |
| 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 -----

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 THERMAL UNIT | 3 CO2 (G) | | | | | | | 81 DARBY 1 |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|------------------|
| | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 | 79 CEREDO 5 | 80 CEREDO 6 | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|---------------------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|--|
| | DARBY 82 2 | DARBY 83 3 | DARBY 84 4 | DARBY 85 5 | DARBY 86 6 | LWBG WIN 87 1 | LWBG WIN 88 2 | |
| 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 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | |
|---------------------------|------------------|------------------|-----------------|---------------|-----------------|----------------|-----------------|
| | LWBG SMR 89 1 | LWBG SMR 90 2 | WATR CC 91 1 | WATR2 92 1 | DRESDEN 93 1 | DRESD2 94 1 | CT_APCO 96 1 |
| 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 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 16:00:06 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|--------------------------|---------------------|---------------------|--------------------|------------------|--------------------|------------------|--------------------|--|
| | 89 LWBG SMR 1 | 90 LWBG SMR 2 | 91 WATR CC 1 | 92 WATR2 1 | 93 DRESDEN 1 | 94 DRES2 1 | 96 CT_APC0 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 | 3 CO2 (G) | | | | | | |
|--------------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|
| | 97 CC_APC0 1 | 98 IGCC AP 1 | 99 PC_UL_AP 1 | 100 Nuke_AP 1 | 101 CT_I&M 1 | 102 CC_I&M 1 | 103 IGCC IM 1 |

| | | | | | | | |
|---------------------------|--------|------|------|------|--------|--------|------|
| 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 -----

2B 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 | 3 CO2 (G) | | | | | | |
|---------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 104 PC_UL_IM 1 | 105 NUKE_IM 1 | 106 CT_KPCO 1 | 107 CC_KPCO 1 | 108 IGCC KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 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 -----
 ----- 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|--------------|-----------|----------|---------|---------|---------|---------|----------|---------|
| EFFLUENT | 3 CO2 (G) | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| THERMAL UNIT | | PC_UL_IM | NUKE_IM | CT_KPCO | CC_KPCO | IGCC_KP | PC_UL_KP | NUKE_KP |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

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

| | | | | | | | | |
|--------------|-----------|---------|-------|---------|----------|---------|----------|---------|
| EFFLUENT | 3 CO2 (G) | 111 | 112 | 113 | 114 | 115 | 116 | 118 |
| THERMAL UNIT | | 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 -----

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

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

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

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

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

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

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

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

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

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

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

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

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

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

----- 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) | 119 | 120 | 121 | 122 | 126 | 127 | 129 |
| THERMAL UNIT | | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CRI_NGCC |
| | | 1 | 1 | 23 | 1 | 5 | 6 | 1 |

----- YEAR 2011 -----

| | | | | | | | | |
|---------------------------|--|--------|--------|------|--------|------|------|--------|
| EMISSIONS DATA AT MAXIMUM | | 116.00 | 116.00 | 0.00 | 116.00 | 0.00 | 0.00 | 116.00 |
| EMISSIONS DATA AT MINIMUM | | 116.00 | 116.00 | 0.00 | 116.00 | 0.00 | 0.00 | 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 -----
 ----- 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 -----

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | |
|---------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 130 CR2_NGCC 2 | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 1 |
| ----- YEAR 2011 ----- | | | | | | | |
| 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 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.

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | |
|--------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 130 CR2_NGCC 2 | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 1 |
| ----- YEAR 2016 ----- | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |

2B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | |
|---------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| | 189 RP2TR_KP 2 | 190 T4_TRONA 4 | 191 T4_TRCCR 4 | 193 ML_KP20 1 | 194 ML_KP20 2 | 195 ML_KP50 1 | 196 ML_KP50 2 |
| 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 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

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 THERMAL UNIT | 3 CO2 (G) | | | | | | |
|--------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| | 189 RP2TR_KP 2 | 190 T4_TRONA 4 | 191 T4_TRCCR 4 | 193 ML_KP20 1 | 194 ML_KP20 2 | 195 ML_KP50 1 | 196 ML_KP50 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 | 3 CO2 (G) | 201 | 500 | 501 | 502 | 503 | 955 | 956 |
|--------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|
|--------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|

2B Input Summary.TXT

| | DUMMY_OP | DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KPC0 | CT_KPC0 |
|---------------------------|----------|----------|----------|----------|---------|---------|
| 0 | 0 | 0 | 0 | 0 | 955 | 956 |
| ----- YEAR 2011 ----- | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 116.00 | 116.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 116.00 | 116.00 |
| 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 ----- | | | | | | |
| ----- 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)

| | 957 | 958 | 959 | 960 | 961 | 962 | 963 |
|---------------------------|---------|---------|---------|---------|----------|----------|----------|
| | CT_KPC0 | CT_KPC0 | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP |
| | 957 | 958 | 959 | 960 | 961 | 962 | 963 |
| ----- YEAR 2011 ----- | | | | | | | |
| 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 2012 ----- | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |

----- YEAR 2023 -----
 ----- 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.

| | | | | | | | |
|--------------|-----------|-----|----------|---------|---------|----------|----------|
| EFFLUENT | 3 CO2 (G) | | | | | | |
| THERMAL UNIT | | 957 | 958 | 959 | 960 | 961 | 962 |
| | CT_KPFC0 | | CT_KPFC0 | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR |
| | | 957 | 958 | 959 | 960 | 961 | 962 |
| | | | | | | | DUMMY_OP |
| | | | | | | | 963 |

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | | | | | | |
|--------------|-----------|-----|---------|---------|----------|----------|----------|
| EFFLUENT | 3 CO2 (G) | | | | | | |
| THERMAL UNIT | | 964 | 965 | 966 | 967 | 968 | 969 |
| | BS_BFCC | | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC |
| | | 964 | 965 | 966 | 967 | 968 | 969 |
| | | | | | | | MR5_NGCC |
| | | | | | | | 970 |

| | | | | | | | |
|---------------------------|--------|------|------|------|--------|--------|--------|
| EMISSIONS DATA AT MAXIMUM | 116.00 | 0.00 | 0.00 | 0.00 | 116.00 | 116.00 | 116.00 |
| EMISSIONS DATA AT MINIMUM | 116.00 | 0.00 | 0.00 | 0.00 | 116.00 | 116.00 | 116.00 |
| 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 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

2B 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 | 3 CO2 (G) | | | | | | | |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------|
| | 971 RP2TR_KP 971 | 972 RP2TR_IM 972 | 973 DUMMY_OP 973 | 974 DUMMY_OP 974 | 975 DUMMY_OP 975 | 976 DUMMY_OP 976 | 977 DUMMY_OP 977 | |
| ----- 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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------|
| | 978 DUMMY_OP 978 | 979 DUMMY_OP 979 | 980 DUMMY_OP 980 | 981 DUMMY_OP 981 | 982 DUMMY_OP 982 | 983 DUMMY_OP 983 | 984 DUMMY_OP 984 | |
| ----- 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
EMISSIONS DATA PROFILE

2B Input Summary.TXT
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0 0 0 0 0 0 0 0

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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 THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| | 978 DUMMY_OP | 979 DUMMY_OP | 980 DUMMY_OP | 981 DUMMY_OP | 982 DUMMY_OP | 983 DUMMY_OP | 984 DUMMY_OP | |

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

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | | |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| | 985 DUMMY_OP | 986 DUMMY_OP | 987 DUMMY_OP | 988 DUMMY_OP | 989 DUMMY_OP | 990 DUMMY_OP | 991 DUMMY_OP | |

----- 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 -----

2B Input Summary.TXT

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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 ----- YEAR 2028 -----
 ----- 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 -----

| EFFLUENT THERMAL UNIT | 3 CO2 (G) | | | | | | | T4_TROWA 998 |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------|-----------------|
| | 992 DUMMY_OP 992 | 993 DUMMY_OP 993 | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | | |
| ----- 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 ----- | | | | | | | | |

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 THERMAL UNIT | 3 CO2 (G) | | | | | | | T4_TROWA 998 |
|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--|-----------------|
| | 992 DUMMY_OP 992 | 993 DUMMY_OP 993 | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |

----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

EFFLUENT
THERMAL UNIT

3 CO2 (G) 999
DUMMY_OP
999

----- YEAR 2011 -----
EMISSIONS DATA AT MAXIMUM 0.00
EMISSIONS DATA AT MINIMUM 0.00
EMISSIONS DATA PROFILE 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 -----

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 4 NOX (B) | | | | | | | |
|---------------------------|-----------|-----------|--------------|---------------|---------------|---------------|---------------|---|
| | 1 AMOS | 2 AMOS | 3 AMOS_OP | 4 BECKJORD | 5 BIG SAND | 6 BIG SAND | 7 CARD 1+2 | |
| | 1 | 2 | 3 | 6 | 1 | 2 | 1 | 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 ----- | | | | | | | | |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 343

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 4 NOX (B) | | | | | | | |
|--------------------------|-----------|-----------|--------------|---------------|---------------|---------------|---------------|---|
| | 1 AMOS | 2 AMOS | 3 AMOS_OP | 4 BECKJORD | 5 BIG SAND | 6 BIG SAND | 7 CARD 1+2 | |
| | 1 | 2 | 3 | 6 | 1 | 2 | 1 | 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 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 4 MOX (B) | | | | | | | |
|---------------------------|--------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| | CARD 1+2 8 2 | CARD 3 9 3 | CLIFTY 10 1 | CLIFTY 11 2 | CLIFTY 12 3 | CLIFTY 13 4 | CLIFTY 14 5 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.49 | 0.52 | 0.00 | 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 | 0.00 |
| EMISSIONS DATA PROFILE | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.49 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.49 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA PROFILE | 9 | 52 | 0 | 0 | 0 | 0 | 0 | 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 THERMAL UNIT | 4 MOX (B) | | | | | | |
|---------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | CLIFTY 15 6 | CLINCH R 16 1 | CLINCH R 17 2 | CLINCH R 18 3 | ROCKP_KP 19 1 | ROCKP_KP 20 2 | CSVL 1-4 21 3 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 1.99 | 2.01 | 1.96 | 1.81 | 1.82 | 4.10 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 1.99 | 2.01 | 1.96 | 1.81 | 1.82 | 4.10 |
| EMISSIONS DATA PROFILE | 0 | 11 | 12 | 13 | 45 | 46 | 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 -----

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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 THERMAL UNIT | 4 NOX (B) | | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--|
| | 15 CLIFTY 6 | 16 CLINCH R 1 | 17 CLINCH R 2 | 18 CLINCH R 3 | 19 ROCKP_KP 1 | 20 ROCKP_KP 2 | 21 CSVL 1-4 3 | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| EFFLUENT THERMAL UNIT | 4 NOX (B) | | | | | | | |
| | 22 CSVL 1-4 4 | 23 CSVL 5+6 5 | 24 CSVL 5+6 6 | 25 D C COOK 1 | 26 D C COOK 2 | 27 GAVIN 1 | 28 GAVIN 2 | |
| 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 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |

2B 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)

| | 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 | 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 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 4 NOX (B) | | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--|
| | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 | 43 MITCHELL 1 | 44 MITCHELL 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 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| | 4 NOX (B) | | | | | | | |
| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | 51 P SPORN 1 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| 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 | |

2B Input Summary.TXT

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

32 34 35 36 37 38 39

EFFLUENT
THERMAL UNIT

4 NOX (B) 52 53 54 55 56 57 58
 P SPORN 2 P SPORN 3 P SPORN 4 P SPORN 5 PICWAY 5 RPRET_IM 1 RPRUN_IM 1

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

2.67 2.81 2.87 2.68 8.40 1.84 1.84
 2.67 2.81 2.87 2.68 8.40 1.84 1.84
 40 41 42 43 44 45 45
 2.67 2.47 2.53 2.68 8.40 1.84 1.84
 2.67 2.47 2.53 2.68 8.40 1.84 1.84
 40 27 59 43 44 45 45

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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

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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) | | | | | | |
|---------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
| | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 1 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 1.84 | 1.15 | 1.17 | 1.15 | 1.27 | 0.67 | 3.12 |
| EMISSIONS DATA AT MINIMUM | 1.84 | 1.15 | 1.17 | 1.15 | 1.27 | 0.67 | 3.12 |
| EMISSIONS DATA PROFILE | 46 | 0 | 0 | 0 | 0 | 3 | 68 |
| ----- YEAR 2012 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 1.84 | 1.15 | 1.17 | 1.15 | 1.27 | 0.67 | 2.39 |
| EMISSIONS DATA AT MINIMUM | 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 ----- | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | |

2B Input Summary.TXT

----- 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) | | | | | | |
|---------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| | 67 TANN 1-3 2 | 68 TANN 1-3 3 | 69 TANN 4 4 | 70 ZIMMER 1 | 71 ROBTMONE 1 | 72 ROBTMONE 2 | 73 ROBTMONE 3 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 3.06 | 3.00 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 3.06 | 3.00 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA PROFILE | 69 | 70 | 51 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.27 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.27 | 0.28 |
| ----- YEAR 2013 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2014 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2015 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2016 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2017 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2018 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2019 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |

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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 TANN 1-3 2 | 68 TANN 1-3 3 | 69 TANN 4 4 | 70 ZIMMER 1 | 71 ROBTMONE 1 | 72 ROBTMONE 2 | 73 ROBTMONE 3 |
| ----- YEAR 2019 ----- | | | | | | | |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2020 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| EMISSIONS DATA AT MINIMUM | 2.34 | 2.73 | 2.70 | 2.07 | 0.28 | 0.28 | 0.28 |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | |

2B 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 THERMAL UNIT | 4 NOX (B) | | | | | | |
|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 | 79 CEREDO 5 | 80 CEREDO 6 | 81 DARBY 1 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.39 |
| EMISSIONS DATA AT MINIMUM | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.39 |
| 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 | 4 NOX (B) | | | | | |
|--------------------------|-------------|-------------|-------------|-------------|-------------|----------------|
| | 82 DARBY | 83 DARBY | 84 DARBY | 85 DARBY | 86 DARBY | 87 LWBG WIN |

2B Input Summary.TXT

| | 2 | 3 | 4 | 5 | 6 | 1 | 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 |

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) | | | | | | | |
|---------------------------|------------|------------|------------|------------|------------|---------------|---------------|--|
| | 82 | 83 | 84 | 85 | 86 | 87 | 88 | |
| | DARBY 2 | DARBY 3 | DARBY 4 | DARBY 5 | DARBY 6 | LWBG WIN 1 | LWBG WIN 2 | |
| ----- 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 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----

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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 THERMAL UNIT | 4 NOX (B) | | | | | | |
|--------------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|
| | 97 CC_APCO 1 | 98 IGCC AP 1 | 99 PC_UL_AP 1 | 100 Nuke_AP 1 | 101 CT_I&M 1 | 102 CC_I&M 1 | 103 IGCC IM 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 THERMAL UNIT | 4 NOX (B) | | | | | | |
|---------------------------|----------------------|---------------------|----------------------|----------------------|---------------------|----------------------|---------------------|
| | 104 PC_UL_IM 1 | 105 NUKE_IM 1 | 106 CT_KPCCO 1 | 107 CC_KPCCO 1 | 108 IGCC KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 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 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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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 -----

| EFFLUENT THERMAL UNIT | 4 NOX (B) | | | | | | |
|---------------------------|----------------|--------------|----------------|-----------------|----------------|-----------------|----------------|
| | 111 CT_OHIO | 112 CC_OH | 113 IGCC OH | 114 PC_UL_OH | 115 NUKE OH | 116 CC_FA_KP | 118 BS1_Gas |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.12 | 0.08 | 0.50 | 0.62 | 0.00 | 0.06 | 0.07 |
| EMISSIONS DATA AT MINIMUM | 0.12 | 0.08 | 0.50 | 0.62 | 0.00 | 0.06 | 0.07 |
| EMISSIONS DATA PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 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 -----

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2B Input Summary.TXT
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 4 NOX (B) | 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 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) | 119 | 120 | 121 | 122 | 126 | 127 | 129 |
|---------------------------|-----------|---------|---------|---------|---------|----------|----------|----------|
| | | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CRI_NGCC |
| | | 1 | 1 | 23 | 1 | 5 | 6 | 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 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |

2B Input Summary.TXT

| EFFLUENT THERMAL UNIT | 4 NOX (B) | 130 | 131 | 132 | 133 | 134 | 135 | 136 |
|---------------------------|-----------|----------|---------|---------|---------|----------|---------|-----|
| | CR2_NGCC | MR5_NGCC | MR5_FGD | RP1D_IM | RP2D_IM | TAN4_FGD | RP1D_KP | |
| ----- YEAR 2011 ----- | 2 | 5 | 5 | 1 | 2 | 4 | 1 | |
| 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 ----- | | | | | | | | |

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 THERMAL UNIT | 4 NOX (B) | 130 | 131 | 132 | 133 | 134 | 135 | 136 |
|---------------------------|-----------|----------|---------|---------|----------|----------|----------|-----|
| | CR2_NGCC | MR5_NGCC | MR5_FGD | RP1D_IM | RP2D_IM | TAN4_FGD | RP1D_KP | |
| ----- YEAR 2040 ----- | 2 | 5 | 5 | 1 | 2 | 4 | 1 | |
| 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 | |
| ----- YEAR 2011 ----- | 2 | 4 | 1 | 1 | 1 | 2 | 1 | |
| 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 ----- | | | | | | | | |

2B 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

4 NOX (B)

| 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

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

----- YEAR 2028 -----
 ----- 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) | 201 | 500 DUMMY_OP | 501 DUMMY_IM | 502 DUMMY_AP | 503 DUMMY_KP | 955 CT_KPC0 | 956 CT_KPC0 |
|---------------------------|-----------|------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| | | 0 | 0 | 0 | 0 | 0 | 955 | 956 |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 0.41 |
| EMISSIONS DATA AT MINIMUM | | 2.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 0.41 |
| 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 THERMAL UNIT | 4 NOX (B) | 201 | 500 DUMMY_OP | 501 DUMMY_IM | 502 DUMMY_AP | 503 DUMMY_KP | 955 CT_KPC0 | 956 CT_KPC0 |
|--------------------------|-----------|-----|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| | | 0 | 0 | 0 | 0 | 0 | 955 | 956 |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |

2B Input Summary.TXT

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

EFFLUENT
 THERMAL UNIT

4 NOX (B)

| | 957 | 958 | 959 | 960 | 961 | 962 | 963 | | | | | | |
|---------|-----|---------|-----|---------|-----|---------|-----|----------|-----|----------|-----|----------|-----|
| CT_KPC0 | 957 | CT_KPC0 | 958 | RP2D_KP | 959 | RP2D_IM | 960 | CSV6_SCR | 961 | CSV5_SCR | 962 | DUMMY_OP | 963 |
| | 957 | 958 | 959 | 960 | 961 | 962 | 963 | | | | | | |

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

| | | | | | | |
|------|------|------|------|------|------|------|
| 0.41 | 0.41 | 1.51 | 0.40 | 0.35 | 0.36 | 0.00 |
| 0.41 | 0.41 | 1.51 | 0.40 | 0.35 | 0.36 | 0.00 |
| 0 | 0 | 0 | 67 | 61 | 60 | 0 |

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

4 NOX (B)

| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | | | | | | |
|---------|-----|---------|-----|---------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| BS_BFCC | 964 | RP1D_KP | 965 | RP1D_03 | 966 | DUMMY_KP | 967 | CR2_NGCC | 968 | CR1_NGCC | 969 | MR5_NGCC | 970 |
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | | | | | | |

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

| | | | | | | |
|------|------|------|------|------|------|------|
| 0.08 | 0.38 | 0.40 | 0.00 | 0.08 | 0.08 | 0.08 |
| 0.08 | 0.38 | 0.40 | 0.00 | 0.08 | 0.08 | 0.08 |
| 0 | 0 | 66 | 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.
 ‡ 02/07/13 16:00:09 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 4 NOX (B) | | | | | | | |
|--------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|--|
| | 964 BS_BFCC | 965 RP1D_KP | 966 RP1D_03 | 967 DUMMY_KP | 968 CR2_NGCC | 969 CR1_NGCC | 970 MR5_NGCC | |
| ----- YEAR 2026 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2027 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2028 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2029 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2030 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2031 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2032 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2033 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2034 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2035 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2036 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2037 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2038 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2039 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| ----- YEAR 2040 ----- | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |

| EFFLUENT THERMAL UNIT | 4 NOX (B) | | | | | | | |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| | 971 RP2TR_KP | 972 RP2TR_IM | 973 DUMMY_OP | 974 DUMMY_OP | 975 DUMMY_OP | 976 DUMMY_OP | 977 DUMMY_OP | |
| ----- YEAR 2011 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| EMISSIONS DATA AT MAXIMUM | 1.73 | 1.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 1.73 | 1.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| EMISSIONS DATA PROFILE | 0 | 46 | 0 | 0 | 0 | 0 | 0 | |
| ----- YEAR 2012 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2013 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2014 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2015 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2016 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2017 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2018 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2019 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2020 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| ----- YEAR 2021 ----- | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |

2B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 MOX (B)

| | 978 | 979 | 980 | 981 | 982 | 983 | 984 |
|----------|----------|----------|----------|----------|----------|----------|----------|
| DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 978 | 979 | 980 | 981 | 982 | 983 | 984 | 984 |

----- 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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | |
|--------------|-----------|----------|----------|----------|----------|----------|----------|
| EFFLUENT | 4 NOX (B) | | | | | | |
| THERMAL UNIT | | 978 | 979 | 980 | 981 | 982 | 983 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 978 | 979 | 980 | 981 | 982 | 983 |

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | | | | | | |
|--------------|-----------|----------|----------|----------|----------|----------|----------|
| EFFLUENT | 4 NOX (B) | | | | | | |
| THERMAL UNIT | | 985 | 986 | 987 | 988 | 989 | 990 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 985 | 986 | 987 | 988 | 989 | 990 |

| | | | | | | | |
|---------------------------|--|------|------|------|------|------|------|
| ----- 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 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 | | 992 | 993 | 994 | 995 | 996 | 997 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | T4_TRONA |
| | | 992 | 993 | 994 | 995 | 996 | 997 |

2B Input Summary.TXT

| | | | | | | | | |
|---------------------------|------|------|------|------|------|------|------|------|
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.70 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.70 |
| EMISSIONS DATA PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 -----

EFFLUENT THERMAL UNIT 4 NOX (B) 999
 DUMMY_OP 999

| | |
|---------------------------|------|
| ----- YEAR 2011 ----- | |
| EMISSIONS DATA AT MAXIMUM | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 |
| EMISSIONS DATA PROFILE | 0 |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT 4 NOX (B) 999
 DUMMY_OP 999

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

2B 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 | 5 NSR SO2 | | | | | | | CARD 1+2 1 |
|---------------------------|-----------|-----------|--------------|---------------|---------------|---------------|------|---------------|
| | 1 AMOS | 2 AMOS | 3 AMOS_OP | 4 BECKJORD | 5 BIG SAND | 6 BIG SAND | 7 | |
| | 1 | 2 | 3 | 6 | 1 | 2 | | |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 1.59 | 1.59 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 1.59 | 1.59 | 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 | 1.66 | 1.66 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 1.66 | 1.66 | 0.00 | |
| ----- YEAR 2013 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 1.60 | 1.60 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 1.60 | 1.60 | 0.00 | |
| ----- YEAR 2014 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 1.58 | 1.58 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 1.58 | 1.58 | 0.00 | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 3.90 | 3.90 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 3.90 | 3.90 | 0.00 | |
| ----- YEAR 2017 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 4.16 | 4.16 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 4.16 | 4.16 | 0.00 | |
| ----- YEAR 2018 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 4.04 | 4.04 | 0.00 | |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 4.04 | 4.04 | 0.00 | |
| ----- YEAR 2019 ----- | | | | | | | | |
| 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 | 2B Input Summary.TXT | | 0.00 | 4.24 | 4.24 | 0.00 |
|---------------------------|--|------|----------------------|------|------|------|------|------|
| ----- YEAR 2023 ----- | | | 0.00 | 0.00 | 0.00 | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 SO2 | 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 | 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 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 5 NSR SO2 | 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 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |

2B 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 | 5 NSR 802 | | | | | | |
|---------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 15 CLIFTY 6 | 16 CLINCH R 1 | 17 CLINCH R 2 | 18 CLINCH R 3 | 19 ROCKP_KP 1 | 20 ROCKP_KP 2 | 21 CSVL 1-4 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 ----- | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | |

2B Input Summary.TXT

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

| | | | | | | | | |
|--------------|-----------|----------|----------|----------|----------|----------|-------|-------|
| EFFLUENT | 5 NSR S02 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| THERMAL UNIT | | CSV1 1-4 | CSV1 5+6 | CSV1 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|--------------|-----------|----------|----------|----------|----------|----------|-------|-------|
| EFFLUENT | 5 NSR S02 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| THERMAL UNIT | | CSV1 1-4 | CSV1 5+6 | CSV1 5+6 | D C COOK | D C COOK | GAVIN | GAVIN |
| | | 4 | 5 | 6 | 1 | 2 | 1 | 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 | 5 NSR S02 | 29 | 30 | 33 | 34 | 35 | 36 | 37 |
| THERMAL UNIT | | GLEN LYN | GLEN LYN | KAMMER | KAMMER | KAMMER | KANAWHA | KANAWHA |
| | | 5 | 6 | 1 | 2 | 3 | 1 | 2 |

2B Input Summary.TXT

| | | | | | | | |
|---------------------------|------|------|------|------|------|------|------|
| ----- 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 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

5 NSR SO2

| | | | | | | | |
|-------|----|-------|-------|-------|-------|----------|----------|
| | 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 | 0.00 | 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.
 † 02/07/13 16:00:09 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 5 NSR SO2 | | | | | | | | | |
|--------------------------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|--|--|--|
| | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 | 43 MITCHELL 1 | 44 MITCHELL 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 | 5 NSR SO2 | | | | | | | 51 P SPORN 1 |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|--------------------|
| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | | |
| 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 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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 ----- 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 -----

| EFFLUENT THERMAL UNIT | 5 NSR SO2 | | | | | | | |
|---------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|--|
| | 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 | 57 RPRET_IM 1 | 58 RPRUN_IM 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 ----- | | | | | | | | |

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 THERMAL UNIT | 5 NSR SO2 | | | | | | | |
|--------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|--|
| | 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 | 57 RPRET_IM 1 | 58 RPRUN_IM 1 | |
| ----- YEAR 2036 ----- | | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 5 NSR SO2 | | | | | | |
|---------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
| | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 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 -----
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 ----- YEAR 2019 -----
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 ----- 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 -----

| EFFLUENT THERMAL UNIT | 5 NSR SO2 | | | | | | |
|---------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| | 67 TANN 1-3 2 | 68 TANN 1-3 3 | 69 TANN 4 4 | 70 ZIMMER 1 | 71 ROBTHONE 1 | 72 ROBTHONE 2 | 73 ROBTHONE 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 -----
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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 -----

| EFFLUENT THERMAL UNIT | 5 NSR S02 | 75 CEREDO | 76 CEREDO | 77 CEREDO | 78 CEREDO | 79 CEREDO | 80 CEREDO | 81 DARBY |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 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 THERMAL UNIT | 5 NSR S02 | 75 CEREDO | 76 CEREDO | 77 CEREDO | 78 CEREDO | 79 CEREDO | 80 CEREDO | 81 DARBY |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 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 -----

2B 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
 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 |

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

| | | | | | | |
|------|------|------|------|------|------|------|
| 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 |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 5 NSR S02 | | | | | | | |
|---------------------------|---------------------|---------------------|--------------------|------------------|--------------------|------------------|--------------------|--|
| | 89 LWBG SMR 1 | 90 LWBG SMR 2 | 91 WATR CC 1 | 92 WATR2 1 | 93 DRESDEN 1 | 94 DRES2 1 | 96 CT_APC0 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 -----

----- 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.
‡ 02/07/13 16:00:10 V04.0 R03.0

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Strategist Page 361

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 5 NSR S02 | | | | | | | |
|--------------------------|---------------------|---------------------|--------------------|------------------|--------------------|------------------|--------------------|--|
| | 89 LWBG SMR 1 | 90 LWBG SMR 2 | 91 WATR CC 1 | 92 WATR2 1 | 93 DRESDEN 1 | 94 DRES2 1 | 96 CT_APC0 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 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |

| EFFLUENT THERMAL UNIT | 5 NSR S02 | | | | | | | |
|---------------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--|
| | 97 CC_APC0 1 | 98 IGCC AP 1 | 99 PC_UL_AP 1 | 100 Nuke_AP 1 | 101 CT_I&M 1 | 102 CC_I&M 1 | 103 IGCC IM 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 -----
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 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

5 MSR S02

| | | | | | | | |
|--|----------|---------|---------|---------|---------|----------|---------|
| | 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 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 | 0.00 | 0.00 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- 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 THERMAL UNIT | 5 NSR SO2 | | | | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|----------------------|---------------------|------|
| | 104 PC_UL_IM 1 | 105 NUKE_IM 1 | 106 CT_KPCO 1 | 107 CC_KPCO 1 | 108 IGCC_KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 1 | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| EFFLUENT THERMAL UNIT | 5 NSR SO2 | | | | | | | |
| | 111 CT_OHIO 1 | 112 CC_OH 1 | 113 IGCC_OH 1 | 114 PC_UL_OH 1 | 115 NUKE_OH 1 | 116 CC_FA_KP 1 | 118 BS1_Gas 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 5 NSR 802 | | | | | | |
|---------------------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| | 119 BS_RPWR 1 | 120 BS_BFCC 1 | 121 BS2_FGD 23 | 122 BS_BF50 1 | 126 CSV5_SCR 5 | 127 CSV6_SCR 6 | 129 CRI_NGCC 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 |
| ----- 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 ----- | | | | | | | |
| ----- 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.
 ‡ 02/07/13 16:00:10 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

5 NSR 802

2B Input Summary.TXT

| THERMAL UNIT | 119 BS_RPWR 1 | 120 BS_BFCC 1 | 121 ES2_FGD 23 | 122 BS_BF50 1 | 126 CSV5_SCR 5 | 127 CSV6_SCR 6 | 129 CRI_NGCC 1 |
|-----------------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| ----- YEAR 2036 ----- | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | |

| EFFLUENT THERMAL UNIT | 5 NSR S02 130 CR2_NGCC 2 | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 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 ----- | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | |

| EFFLUENT THERMAL UNIT | 5 NSR S02 137 RP2D_KP 2 | 144 TC4_ESP 4 | 153 MTN_18% 1 | 185 RP1D_03 1 | 186 RP1TR_IM 1 | 187 RP2TR_IM 2 | 188 RP1TR_KP 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 |

2B Input Summary.TXT

| Year | EMISSIONS DATA AT MAXIMUM | EMISSIONS DATA AT MINIMUM | | | | | | |
|---------------------------|---------------------------|---------------------------|------|------|------|------|------|------|
| ----- YEAR 2012 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.98 | 0.00 | 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 | 0.00 |
| ----- YEAR 2013 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 1.06 | 0.00 | 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 | 0.00 |
| ----- YEAR 2014 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.53 | 0.00 | 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 | 0.00 |
| ----- YEAR 2015 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.47 | 0.00 | 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 | 0.00 |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- 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 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.47 | 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 ----- | | | | | | | | |

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.

| Year | EFFLUENT THERMAL UNIT | 137 | 144 | 153 | 185 | 186 | 187 | 188 |
|---------------------------|-----------------------|----------|----------|----------|---------|----------|----------|----------|
| | | RP2D_KP | TC4_ESP | MTN_18% | RP1D_03 | RP1TR_IM | RP2TR_IM | RP1TR_KP |
| ----- YEAR 2038 ----- | | 2 | 4 | 1 | 1 | 1 | 2 | 1 |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| Year | EFFLUENT THERMAL UNIT | 189 | 190 | 191 | 193 | 194 | 195 | 196 |
| | | RP2TR_KP | T4_TRONA | T4_TRCCR | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 |
| ----- YEAR 2011 ----- | | 2 | 4 | 4 | 1 | 2 | 1 | 2 |
| EMISSIONS DATA AT MAXIMUM | 0.87 | 0.00 | 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 | 0.00 |
| EMISSIONS DATA PROFILE | 0 | 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 | 0.14 |
| EMISSIONS DATA AT MINIMUM | 0.98 | 0.00 | 0.00 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |

2B Input Summary.TXT

| | | | | | | | | |
|---------------------------|-----------|----------|----------|----------|----------|---------|---------|------|
| ----- YEAR 2013 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 1.06 | 0.00 | 0.00 | 0.14 | 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 | 0.14 |
| ----- YEAR 2014 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.53 | 0.00 | 0.00 | 0.15 | 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 | 0.15 |
| ----- YEAR 2015 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.47 | 0.00 | 0.00 | 0.14 | 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 | 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 | 0.13 |
| EMISSIONS DATA AT MINIMUM | 0.47 | 0.00 | 0.00 | 0.13 | 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 | 0.14 |
| EMISSIONS DATA AT MINIMUM | 0.47 | 0.00 | 0.00 | 0.14 | 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 | 0.13 |
| EMISSIONS DATA AT MINIMUM | 0.47 | 0.00 | 0.00 | 0.13 | 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 | 0.12 |
| EMISSIONS DATA AT MINIMUM | 0.47 | 0.00 | 0.00 | 0.12 | 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 | 5 NSR S02 | | | | | | | |
| THERMAL UNIT | 201 | 500 | 501 | 502 | 503 | 955 | 956 | |
| | 0 | DUMMY_OF | DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KPC0 | CT_KPC0 | |
| | | 0 | 0 | 0 | 0 | 955 | 956 | |
| ----- 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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 † 02/07/13 16:00:10 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 5 NSR S02 | 201 | 500 DUMMY_OP | 501 DUMMY_IM | 502 DUMMY_AP | 503 DUMMY_KP | 955 CT_KPC0 | 956 CT_KPC0 |
|---------------------------|-----------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | 0 | 0 | 0 | 0 | 0 | 955 | 956 |
| ----- YEAR 2040 ----- | | | | | | | | |
| EFFLUENT THERMAL UNIT | 5 NSR S02 | 957 CT_KPC0 | 958 CT_KPC0 | 959 RP2D_KP | 960 RP2D_IM | 961 CSV6_SCR | 962 CSV5_SCR | 963 DUMMY_OP |
| | | 957 | 958 | 959 | 960 | 961 | 962 | 963 |
| | | 957 | 958 | 959 | 960 | 961 | 962 | 963 |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | | 0.00 | 0.00 | 0.87 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | | 0.00 | 0.00 | 0.87 | 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 | 0.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2013 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | | 0.00 | 0.00 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | | 0.00 | 0.00 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2014 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2015 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | | 0.00 | 0.00 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | | 0.00 | 0.00 | 0.47 | 0.00 | 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 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | |
|---------------------------|------|----------------------|------|------|------|------|------|
| EMISSIONS DATA AT MINIMUM | 0.00 | 2B Input Summary.TXT | | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.47 | | | | |

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 MSR SO2 | 964 | 965 | 966 | 967 | 968 | 969 | 970 |
| | BS_BFCC | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | |
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM 0.00 0.75 0.00 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.00 0.75 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 -----
 EMISSIONS DATA AT MAXIMUM 0.00 0.82 0.00 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.00 0.82 0.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 EMISSIONS DATA AT MAXIMUM 0.00 0.79 0.00 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.00 0.79 0.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2016 -----
 EMISSIONS DATA AT MAXIMUM 0.00 0.12 0.00 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.00 0.12 0.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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.
 † 02/07/13 16:00:10 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 5 NSR S02 | | | | | | | |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------|
| | 971 RP2TR_KP 971 | 972 RP2TR_IM 972 | 973 DUMMY_OP 973 | 974 DUMMY_OP 974 | 975 DUMMY_OP 975 | 976 DUMMY_OP 976 | 977 DUMMY_OP 977 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.87 | 0.00 | 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 | 0.00 |
| EMISSIONS DATA PROFILE | 0 | 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 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.98 | 0.00 | 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 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 1.06 | 0.00 | 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 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.53 | 0.00 | 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 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.47 | 0.00 | 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 | 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 5 NSR SO2 | | | | | | | |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------|
| | 978 DUMMY_OP 978 | 979 DUMMY_OP 979 | 980 DUMMY_OP 980 | 981 DUMMY_OP 981 | 982 DUMMY_OP 982 | 983 DUMMY_OP 983 | 984 DUMMY_OP 984 | |
| ----- 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 THERMAL UNIT | 5 NSR SO2 | | | | | | | |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------|
| | 985 DUMMY_OP 985 | 986 DUMMY_OP 986 | 987 DUMMY_OP 987 | 988 DUMMY_OP 988 | 989 DUMMY_OP 989 | 990 DUMMY_OP 990 | 991 DUMMY_OP 991 | |
| ----- 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 -----

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

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2B Input Summary.TXT
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 5 NSR SO2 | | | | | | | |
|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--|
| | 985 DUMMY_OP 985 | 986 DUMMY_OP 986 | 987 DUMMY_OP 987 | 988 DUMMY_OP 988 | 989 DUMMY_OP 989 | 990 DUMMY_OP 990 | 991 DUMMY_OP 991 | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 SO2 | | | | | | | T4_TRONA 998 |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------|-----------------|
| | 992 DUMMY_OP 992 | 993 DUMMY_OP 993 | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | | |
| ----- 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|-------------|-------------|----------------|-----------------|-----------------|-----------------|-----------------|
| | AMOS 1 1 | AMOS 2 2 | AMOS_OP 3 3 | BECKJORD 4 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 | 0.01 | 0.01 | 0.01 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 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 -----
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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) | | | | | | |
|---------------------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|
| | CARD 1+2 8 2 | CARD 3 9 3 | CLIFTY 10 1 | CLIFTY 11 2 | CLIFTY 12 3 | CLIFTY 13 4 | CLIFTY 14 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 -----
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 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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 THERMAL UNIT | 6 HG (E) | | | | | | |
|--------------------------|--------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 8 CARD 1+2 2 | 9 CARD 3 3 | 10 CLIFTY 1 | 11 CLIFTY 2 | 12 CLIFTY 3 | 13 CLIFTY 4 | 14 CLIFTY 5 |
| ----- YEAR 2035 ----- | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | |

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 15 CLIFTY 6 | 16 CLINCH R 1 | 17 CLINCH R 2 | 18 CLINCH R 3 | 19 ROCKP_KP 1 | 20 ROCKP_KP 2 | 21 CSVL 1-4 3 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 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 | 0.02 |
| 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 | 0.02 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| ----- YEAR 2013 ----- | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | |

2B Input Summary.TXT

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- 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 -----

| EFFLUENT THERMAL UNIT | 6 HG (E) | 22 CSVL 1-4 4 | 23 CSVL 5+6 5 | 24 CSVL 5+6 6 | 25 D C COOK 1 | 26 D C COOK 2 | 27 GAVIN 1 | 28 GAVIN 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 -----
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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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| | 29 GLEN LYN 5 | 30 GLEN LYN 6 | 33 KAMMER 1 | 34 KAMMER 2 | 35 KAMMER 3 | 36 KANAWHA 1 | 37 KANAWHA 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 ----- | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | | |
|---------------------------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|------|
| | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 | 43 MITCHELL 1 | 44 MITCHELL 2 | |
| ----- 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 -----
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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 -----

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | 51 P SPORN 1 |
| ----- YEAR 2011 ----- | | | | | | | |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | | |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--|
| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | 51 P SPORN 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 THERMAL UNIT | 6 HG (E) | | | | | | | |
|---------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|--|
| | 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 | 57 RPRET_IM 1 | 58 RPRUN_IM 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 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
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----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | | |
|---------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|------|
| | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 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 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | | |
|--------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|--|
| | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 1 | |
| ----- YEAR 2030 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | | |
|---------------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|------|
| | 67 TANN 1-3 2 | 68 TANN 1-3 3 | 69 TANN 4 4 | 70 ZIMMER 1 | 71 ROBTMONE 1 | 72 ROBTMONE 2 | 73 ROBTMONE 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 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 | 79 CEREDO 5 | 80 CEREDO 6 | 81 DARBY 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 -----

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 THERMAL UNIT | 6 HG (E) | | | | | | | |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|--|
| | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 | 79 CEREDO 5 | 80 CEREDO 6 | 81 DARBY 1 | |

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

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | | |
|--------------------------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|--|
| | 82 DARBY 2 | 83 DARBY 3 | 84 DARBY 4 | 85 DARBY 5 | 86 DARBY 6 | 87 LWBG WIN 1 | 88 LWBG WIN 2 | |

| 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 -----

2B 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 -----

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | | 96 CT_APC0 1 |
|---------------------------|---------------------|---------------------|--------------------|------------------|--------------------|------------------|------|--------------------|
| | 89 LWBG SMR 1 | 90 LWBG SMR 2 | 91 WATR CC 1 | 92 WATR2 1 | 93 DRESDEN 1 | 94 DRES2 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 ----- | | | | | | | | |

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| | 97 CC_APCO | 98 IGCC AP | 99 PC_UL_AP | 100 Nuke_AP | 101 CT_I&M | 102 CC_I&M | 103 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 -----

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 THERMAL UNIT | 6 HG (E) | | | | | | |
|--------------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| | 97 CC_APCO | 98 IGCC AP | 99 PC_UL_AP | 100 Nuke_AP | 101 CT_I&M | 102 CC_I&M | 103 IGCC IM |
| | 1 | 1 | 1 | 1 | 1 | 1 | 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 ----- | | | | | | | |

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|--------------------------|-----------------|----------------|--------------|--------------|----------------|-----------------|----------------|
| | 104 PC_UL_IM | 105 NUKE_IM | 106 CT_KP | 107 CC_KP | 108 IGCC KP | 109 PC_UL_KP | 110 NUKE_KP |
| | | | | | | | |

2B Input Summary.TXT

| | 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 THERMAL UNIT

6 HG (E)

| | 111 CT_OHIO | 112 CC_OH | 113 IGCC OH | 114 PC_UL_OH | 115 NUKE OH | 116 CC_FA_KP | 118 BS1_Gas |
|---------------------------|----------------|--------------|----------------|-----------------|----------------|-----------------|----------------|
| ----- 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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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|--------------------------|----------------|--------------|----------------|-----------------|----------------|-----------------|----------------|
| | 111 CT_OHIO | 112 CC_OH | 113 IGCC OH | 114 PC_UL_OH | 115 NUKE OH | 116 CC_FA_KP | 118 BS1_Gas |
| ----- YEAR 2026 ----- | 1 | 1 | 1 | 1 | 1 | 1 | 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 THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| | 119 BS_RPWR | 120 BS_BFCC | 121 BS2 FGD | 122 BS_BF50 | 126 CSV5_SCR | 127 CSV6_SCR | 129 CR1_NGCC |
| ----- YEAR 2011 ----- | 1 | 1 | 23 | 1 | 5 | 6 | 1 |
| EMISSIONS DATA AT MAXIMUM | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| EMISSIONS DATA AT MINIMUM | 0.00 | 0.00 | 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 -----

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 130 CR2_NGCC 2 | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 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 -----

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 THERMAL UNIT | 6 HG (E) | | | | | | |
|--------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| | 130 CR2_NGCC 2 | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 1 |
| ----- YEAR 2036 ----- | | | | | | | |

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| | 137 RP2D_KP 2 | 144 TC4_ESP 4 | 153 MTN_18% 1 | 185 RP1D_03 1 | 186 RP1TR_IM 1 | 187 RP2TR_IM 2 | 188 RP1TR_KP 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 THERMAL UNIT | 6 HG (E) | | | | | | |
|---------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| | 189 RP2TR_KP 2 | 190 T4_TRONA 4 | 191 T4_TRCCR 4 | 193 ML_KP20 1 | 194 ML_KP20 2 | 195 ML_KP50 1 | 196 ML_KP50 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 -----
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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 THERMAL UNIT | 6 HG (E) | 201 | 500 | 501 | 502 | 503 | 955 | 956 |
|---------------------------|----------|------|---------------|---------------|---------------|---------------|----------------|----------------|
| | | 0 | DUMMY_OP 0 | DUMMY_IM 0 | DUMMY_AP 0 | DUMMY_KP 0 | CT_KPC0 955 | CT_KPC0 956 |
| ----- 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 THERMAL UNIT | 6 HG (E) | 201 | 500 | 501 | 502 | 503 | 955 | 956 |
|-----------------------|----------|-----|---------------|---------------|---------------|---------------|----------------|----------------|
| | | 0 | DUMMY_OP 0 | DUMMY_IM 0 | DUMMY_AP 0 | DUMMY_KP 0 | CT_KPC0 955 | CT_KPC0 956 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |

2B 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 -----

EFFLUENT
 THERMAL UNIT

6 HG (E)

| | | | | | | | |
|---------|-----|---------|---------|---------|----------|----------|----------|
| | 957 | 958 | 959 | 960 | 961 | 962 | 963 |
| CT_KPC0 | 957 | CT_KPC0 | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP |
| | 957 | 958 | 959 | 960 | 961 | 962 | 963 |

----- 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 -----

2B Input Summary.TXT

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

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

| EFFLUENT THERMAL UNIT | 6 HG (E) | 964 | 965 | 966 | 967 | 968 | 969 | 970 |
|---------------------------|----------|---------|---------|----------|----------|----------|----------|------|
| | BS_BFCC | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | |
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |
| 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 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 THERMAL UNIT | 6 HG (E) | 964 | 965 | 966 | 967 | 968 | 969 | 970 |
|--------------------------|----------|---------|---------|----------|----------|----------|----------|-----|
| | BS_BFCC | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | |
| | 964 | 965 | 966 | 967 | 968 | 969 | 970 | |

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

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

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

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

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

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

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

----- 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) | 971 | 972 | 973 | 974 | 975 | 976 | 977 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | RP2TR_KP | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 971 | 972 | 973 | 974 | 975 | 976 | 977 | |
| 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 |

2B 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 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

6 HG (E)

| | 978 | 979 | 980 | 981 | 982 | 983 | 984 |
|----------|----------|----------|----------|----------|----------|----------|----------|
| DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 978 | 979 | 980 | 981 | 982 | 983 | 984 |

----- 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 -----
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 ----- 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 |

----- 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 | 6 HG (E) | | | | | | | |
| THERMAL UNIT | | 978 | 979 | 980 | 981 | 982 | 983 | 984 |
| | | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 978 | 979 | 980 | 981 | 982 | 983 | 984 |

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

| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| EFFLUENT | 6 HG (E) | | | | | | | |
| THERMAL UNIT | | 985 | 986 | 987 | 988 | 989 | 990 | 991 |
| | | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 985 | 986 | 987 | 988 | 989 | 990 | 991 |

| | | | | | | | | |
|---------------------------|--|------|------|------|------|------|------|------|
| ----- 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 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

2B Input Summary.TXT

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

| EFFLUENT THERMAL UNIT | 6 HG (E) | 992 DUMMY_OP | 993 DUMMY_OP | 994 DUMMY_OP | 995 DUMMY_OP | 996 DUMMY_OP | 997 DUMMY_OP | 998 T4_TRONA |
|---------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| ----- YEAR 2011 ----- | | 992 | 993 | 994 | 995 | 996 | 997 | 998 |
| 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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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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EFFLUENT
THERMAL UNIT

6 HG (E)

2B Input Summary.TXT

999
DUMMY_OP
999

----- YEAR 2011 -----
EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

0.00
0.00
0

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- 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.

| 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 ----- | | | |

2B Input Summary.TXT

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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|--------------|---|------|---|
| 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 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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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.

| | | | |
|-----------------------|---|----------|---|
| 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 ----- | | | |
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| ----- YEAR 2030 ----- | | | |
| ----- YEAR 2031 ----- | | | |
| ----- YEAR 2032 ----- | | | |
| ----- YEAR 2033 ----- | | | |
| ----- YEAR 2034 ----- | | | |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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2B Input Summary.TXT
 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 -----

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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 -----

| | | | |
|---------------------------|---------|--------|---|
| 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 -----
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 ----- 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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 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 | 10 | CLIFTY | 1 |
| UNIT FUELS | | | 1 |

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----

----- 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 -----
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 ----- YEAR 2019 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 16:00:13 V04.0 R03.0

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 -----
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 ----- 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 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 † 02/07/13 16:00:13 V04.0 R03.0

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 ----- | | | |
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| ----- YEAR 2038 ----- | | | |
| ----- YEAR 2039 ----- | | | |

2B Input Summary.TXT

```

----- YEAR 2040 -----
      THERMAL UNIT          16   CLINCH R   1
      UNIT FUELS              1
----- 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 UNIT FUELS | 17 | CLINCH R | 2 |
| | | | 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 UNIT FUELS | 18 | CLINCH R | 3 |
| | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | | 0.11 |
| UNIT FUEL TYPE | FUEL ID | | 18 |
| ----- YEAR 2012 ----- | | | |
| ----- YEAR 2013 ----- | | | |
| ----- YEAR 2014 ----- | | | |
| ----- YEAR 2015 ----- | | | |
| ----- YEAR 2016 ----- | | | |
| ----- YEAR 2017 ----- | | | |
| ----- YEAR 2018 ----- | | | |
| ----- YEAR 2019 ----- | | | |
| ----- YEAR 2020 ----- | | | |
| ----- YEAR 2021 ----- | | | |
| ----- YEAR 2022 ----- | | | |
| ----- YEAR 2023 ----- | | | |
| ----- YEAR 2024 ----- | | | |
| ----- YEAR 2025 ----- | | | |
| ----- YEAR 2026 ----- | | | |
| ----- YEAR 2027 ----- | | | |
| ----- YEAR 2028 ----- | | | |
| ----- YEAR 2029 ----- | | | |
| ----- YEAR 2030 ----- | | | |
| ----- YEAR 2031 ----- | | | |

| | | | |
|---------------------------|---------|----------|--------|
| ----- 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 | 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 |

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| | | | |
|---------------------------|---------|--|------|
| ----- 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 | 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 2019 -----
 ----- YEAR 2020 -----
 ----- 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.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 -----

MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 26

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

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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 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 -----
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 ----- 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | |
|--------------|----|-------|---|
| THERMAL UNIT | 28 | GAVIN | 2 |
| UNIT FUELS | | | 1 |

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

| | | |
|---------------------------|---------|--------|
| MINIMUM BURN PCT | % | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.23 |
| UNIT FUEL TYPE | 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 -----
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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 -----

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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 |

| | | |
|---------------------------|---------|--------|
| MINIMUM BURN PCT | % | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00 |
| UNIT FUEL TYPE | FUEL ID | 0 |

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----

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----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2026 -----
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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 | 32 | | 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 -----

| | | |
|---------------------------|---------|--------|
| MINIMUM BURN PCT | % | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.20 |
| UNIT FUEL TYPE | FUEL ID | 34 |

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- 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 -----

| | | | | |
|--------------|----|--------|---|---|
| THERMAL UNIT | 35 | KAMMER | 1 | 3 |
| UNIT FUELS | | | | |

| | | |
|---------------------------|---------|--------|
| MINIMUM BURN PCT | % | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.20 |
| UNIT FUEL TYPE | FUEL ID | 35 |

----- 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 -----

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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 KANAWHA 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 -----
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 ----- YEAR 2024 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

THERMAL UNIT
UNIT FUELS

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

38 KYGER 1 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 -----

39 KYGER 1 2

| | |
|---------|--------|
| % | 100.00 |
| \$/MBTU | 0.00 |
| FUEL ID | 39 |

----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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 40 KYGER 3
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
UNIT FUEL TYPE FUEL ID 40

----- YEAR 2012 -----
----- 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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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 40 KYGER 3
UNIT FUELS 1

----- 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 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- 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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NewEnergy Associates
 Strategist Page 399

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 ----- | | | |

2B Input Summary.TXT

```

----- 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 -----

```

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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                    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 -----

```


2B Input Summary.TXT

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05
 UNIT FUEL TYPE FUEL ID 49

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 50 MUSK RVR 5
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 402

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

 THERMAL UNIT 50 MUSK RVR 5
 UNIT FUELS 1

----- YEAR 2011 -----
 UNIT FUEL TYPE FUEL ID 50
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----

----- 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 -----

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 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

2B Input Summary.TXT

| | | | |
|---------------------------|---------|--|--------|
| ----- 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 | 54 | P SPORN | 4 |
| UNIT FUELS | | | 1 |

| | | | |
|---------------------------|---------|--|--------|
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | | 0.11 |
| UNIT FUEL TYPE | 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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 † 02/07/13 16:00:16 V04.0 R03.0

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 -----

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 57 RPRET_IM 1
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 58 RPRUM_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 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 | 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 ----- | | | |

2B 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 | 63 | STUART | 3 |
| UNIT FUELS | | | 1 |

| | | | |
|---------------------------|---------|--------|--|
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | 100.00 | |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.06 | |
| UNIT FUEL TYPE | 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          64   STUART   4
UNIT FUELS           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

----- YEAR 2011 -----
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 -----
    
```

2B 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 -----

THERMAL UNIT
 UNIT FUELS

66 TANN 1-3 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 -----

% 100.00
 \$/MBTU 0.24
 FUEL ID 66

----- 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 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 ----- | | | |
| ----- YEAR 2025 ----- | | | |
| ----- YEAR 2026 ----- | | | |
| ----- YEAR 2027 ----- | | | |
| ----- YEAR 2028 ----- | | | |
| ----- 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 | TANN 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 ----- | | | |

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 | 69 | TANN 4 | 4 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2016 ----- | | | |

2B 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 -----

| | | | |
|--------------|----|--------|---|
| THERMAL UNIT | 70 | ZIMMER | 1 |
| UNIT FUELS | | | 1 |

| | | | |
|---------------------------|---------|--------|--|
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | 100.00 | |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.11 | |
| UNIT FUEL TYPE | 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 -----

| | | | |
|---------------------------|---------|----------|------|
| THERMAL UNIT | 72 | ROBTMONE | 2 |
| 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 ----- | | | |
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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 ----- | | | |

| | | | |
|---------------------------|---------|----------|------|
| 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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AEP EAST
 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 ----- | | |

THERMAL UNIT 78 CEREDO 4
 UNIT FUELS 1
 ----- YEAR 2036 -----
 ----- 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 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 82 DARBY 2
 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 | 83 | DAREY | 3 |
| 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 ----- | | | |

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 | 83 | DAREY | 3 |
| 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 | 84 | DAREY | 4 |
| 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 ----- | | | |

2B 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 -----

| | | | |
|--------------|----|-------|---|
| THERMAL UNIT | 85 | DARBY | 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 -----

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 | 86 | DARBY | 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 |

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

89 LWBG SMR 1
1

% 100.00
 \$/MBTU 0.00
 FUEL ID 71

2B Input Summary.TXT

| | | | |
|---------------------------|---------|--|--------|
| ----- 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 | 92 | WATR2 | 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 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_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 -----

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 | 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 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 -----

```

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          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 -----

```


2B Input Summary.TXT

| | | | |
|---------------------------|---------|--------|--|
| ----- 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 | 107 | CC_KPCO | 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 -----

2B Input Summary.TXT

----- 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 -----
 ----- 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 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- 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.
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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 -----
----- 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 116 CC_FA_KP 1
UNIT FUELS 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 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

 % 100.00
 \$/MBTU 0.00
 FUEL ID 72

THERMAL UNIT 118 BS1_Gas 1
UNIT FUELS 1

2B Input Summary.TXT

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS       $/MBTU         0.00
UNIT FUEL TYPE                   FUEL ID        65
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

```

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Strategist Page 430

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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2B Input Summary.TXT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | |
|----------------------------|---------|---------|----|
| THERMAL UNIT UNIT FUELS | 120 | BS_BFCC | 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 | 121 | BS2 FGD | 23 |
| ----- YEAR 2011 ----- | | | 1 |
| 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    BS_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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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

    THERMAL UNIT              122    BS_BF50    1
    UNIT FUELS                  1
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----

```


----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 ----- | | | |

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

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 | Unit Fuel Auxiliary Costs (\$/MBTU) | Fuel ID |
|---------------------------|-------------------------------------|-----------|
| ----- YEAR 2038 ----- | | |
| ----- YEAR 2039 ----- | | |
| ----- YEAR 2040 ----- | | |
| THERMAL UNIT | 136 | RP1D_KP 1 |
| UNIT FUELS | | 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.

| Year | Unit Fuel Auxiliary Costs (\$/MBTU) | Fuel ID |
|---------------------------|-------------------------------------|---------|
| ----- 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 |
| ----- 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 ----- | | |

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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 | |

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

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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 -----

2B Input Summary.TXT

----- 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 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- 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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 Strategist Page 440

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 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- 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.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 ----- | | |
| ----- YEAR 2023 ----- | | |
| ----- YEAR 2024 ----- | | |

2B 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 | 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 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

2B Input Summary.TXT

| | | |
|---------------------------|---------|--------|
| THERMAL UNIT | 150 | 0 |
| UNIT FUELS | | 1 |
| ----- YEAR 2011 ----- | | |
| MINIMUM BURN PCT | % | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00 |
| UNIT FUEL TYPE | FUEL ID | 0 |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | |
|-----------------------|-----|---|
| THERMAL UNIT | 150 | 0 |
| UNIT FUELS | | 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 ----- | | |
| ----- YEAR 2025 ----- | | |
| ----- YEAR 2026 ----- | | |
| ----- YEAR 2027 ----- | | |
| ----- YEAR 2028 ----- | | |
| ----- 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 | 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 | 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 |

| | | |
|---------------------------|---------|--------|
| THERMAL UNIT | 163 | 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 ----- | | |

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 | 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 ----- | | |

2B 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 | 165 | | 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 -----

2B Input Summary.TXT

----- 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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 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 | 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 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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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INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | |
|-----------------------|---------|---------|----|
| THERMAL UNIT | 185 | RP1D_03 | 1 |
| UNIT FUELS | | | 1 |
| ----- 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 | 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 |

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 | 187 | RP2TR_IM | 2 |
| UNIT FUELS | | | 1 |
| ----- 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 |
| ----- 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 ----- | | |
| 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
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | |
|---------------------------|---------|----------|---|
| THERMAL UNIT | 190 | T4_TRONA | 4 |
| UNIT FUELS | | | 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 | 191 | T4_TRCCR | 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 ----- | | | |
| 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 |

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 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 |
| ----- 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 |
| ----- 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 |
| ----- 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 |
| ----- 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 2036 -----

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

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 | 199 | 0 |
| UNIT FUELS | | 1 |

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

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

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

| | | |
|--------------|-----|---|
| THERMAL UNIT | 200 | 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 | 201 | 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 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 -----

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 202 0
 UNIT FUELS 1

----- YEAR 2018 -----
 ----- YEAR 2019 -----

----- 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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 16:00:24 V04.0 R03.0

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 |

2B 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 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
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 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 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 -----
 ----- 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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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 -----

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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 -----

| | | | |
|--------------|-----|---|---|
| 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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 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 |
| ----- 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 ----- | | |

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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 -----

| | | | |
|--------------|-----|---|---|
| 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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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 | \$/METU | 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 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 |

| | | |
|---------------------------|---------|--------|
| MINIMUM BURN PCT | % | 100.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00 |
| UNIT FUEL TYPE | FUEL ID | 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 -----

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

THERMAL UNIT 223 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 223 0
 UNIT FUELS 1

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT 224 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 | 225 | 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 226 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 -----

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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 226 0
 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 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 228 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 500 DUMMY_OP 0
UNIT FUELS 1
----- YEAR 2011 -----
MINIMUM BURN PCT % 0.00
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 -----

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 | 502 | DUMMY_AP | 0 |
|---------------------------|---------|----------|---|
| UNIT FUELS | | 1 | |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | 0.00 | |
| 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 | 503 | DUMMY_KP | 0 |
|---------------------------|---------|----------|---|
| UNIT FUELS | | 1 | |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | 0.00 | |
| 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 ----- | | | |

| 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 ----- | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | |
|---------------------------|---------|---------|--------|
| THERMAL UNIT | 957 | CT_KPC0 | 957 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2036 ----- | | | |
| ----- YEAR 2037 ----- | | | |
| ----- YEAR 2038 ----- | | | |
| ----- YEAR 2039 ----- | | | |
| ----- YEAR 2040 ----- | | | |
| THERMAL UNIT | 958 | CT_KPC0 | 958 |
| 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 | 959 | RP2D_KP | 959 |
| 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 |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | |
|---------------------------|---------|---------|--------|
| THERMAL UNIT | 959 | RP2D_KP | 959 |
| UNIT FUELS | | | 1 |
| ----- 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 | 960 | RP2D_IM | 960 |
| 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 ----- | | | |
| ----- YEAR 2016 ----- | | | |
| ----- YEAR 2017 ----- | | | |
| ----- YEAR 2018 ----- | | | |
| ----- YEAR 2019 ----- | | | |
| ----- YEAR 2020 ----- | | | |
| ----- YEAR 2021 ----- | | | |
| ----- YEAR 2022 ----- | | | |
| ----- YEAR 2023 ----- | | | |
| ----- YEAR 2024 ----- | | | |
| ----- YEAR 2025 ----- | | | |
| ----- YEAR 2026 ----- | | | |
| ----- YEAR 2027 ----- | | | |
| ----- YEAR 2028 ----- | | | |
| ----- YEAR 2029 ----- | | | |

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 962 CSV5_SCR 962
 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 963 DUMMY_OP 963
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT ‡ 0.00
 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 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

 THERMAL UNIT 965 RPID_KP 965
 UNIT FUELS 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 |
| ----- 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 | 966 | RP1D_03 | 966 |
| 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 -----
 ----- 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.THERMAL UNIT.

| | | | |
|--------------|-----|---------|-----|
| THERMAL UNIT | 966 | RP1D_03 | 966 |
| UNIT FUELS | | | 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 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 968 CR2_NGCC 968
 UNIT FUELS 1

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

THERMAL UNIT 969 CR1_NGCC 969
 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 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

2B Input Summary.TXT

| | | |
|---------------------------|---------|------|
| ----- 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 |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT UNIT FUELS | 971 | RP2TR_KP 971 1 |
|----------------------------|---------|-------------------|
| ----- 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 | 972 | RP2TR_IM | 972 |
|---------------------------|---------|----------|-----|
| UNIT FUELS | | | 1 |
| ----- 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 | |
| ----- 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 | |

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MINIMUM BURN PCT % 0.00
 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 -----

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 977 DUMMY_OP 977
 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 978 DUMMY_OP 978
 UNIT FUELS 1

MINIMUM BURN PCT % 0.00
 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 -----

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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 -----

| | | | |
|--------------|-----|----------|-----|
| THERMAL UNIT | 979 | DUMMY_OP | 979 |
| 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 | % | 0.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00 |
| UNIT FUEL TYPE | FUEL ID | 0 |

----- 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 | 980 | DUMMY_OP | 980 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | ‡ | | 0.00 |
| 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 | 981 | DUMMY_OP | 981 |
| UNIT FUELS | | | 1 |

----- YEAR 2011 -----
 MINIMUM BURN PCT % 0.00
 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 982 DUMMY_OP 982
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 0.00
 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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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | |
|---------------------------|---------|----------|------|
| THERMAL UNIT | 982 | DUMMY_OP | 982 |
| 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 | 983 | DUMMY_OP | 983 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 0.00 |
| 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 ----- | | | |

| | | |
|---------------------------|---------|------|
| MINIMUM BURN PCT | % | 0.00 |
| 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 | 986 | DUMMY_OP | 986 |
| UNIT FUELS | | | 1 |

| | | |
|---------------------------|---------|------|
| MINIMUM BURN PCT | % | 0.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00 |
| UNIT FUEL TYPE | FUEL ID | 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 -----

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

| | | | |
|---------------------------|---------|----------|------|
| THERMAL UNIT | 988 | DUMMY_OP | 988 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 0.00 |
| 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 | 989 | DUMMY_OP | 989 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 0.00 |
| 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 -----

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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 989 DUMMY_OP 989
 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 990 DUMMY_OP 990
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 0.00
 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 -----

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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 | 991 | DUMMY_OP | 991 |
| 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 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | |
|---------------------------|---------|------|
| MINIMUM BURN PCT | % | 0.00 |
| UNIT FUEL AUXILIARY COSTS | \$/MBTU | 0.00 |
| UNIT FUEL TYPE | FUEL ID | 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 | 992 | DUMMY_OP | 992 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 0.00 |
| 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 | 993 | DUMMY_OP | 993 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 0.00 |
| 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 -----

MINIMUM BURN PCT % 0.00
 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 -----

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 996 DUMMY_OP 996
 UNIT FUELS 1
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT 997 DUMMY_OP 997
 UNIT FUELS 1

MINIMUM BURN PCT % 0.00
 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 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 |

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 | 998 | T4_TROMA | 998 |
| UNIT FUELS | | | 1 |
| ----- 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 | 999 | DUMMY_OP | 999 |
| UNIT FUELS | | | 1 |
| ----- YEAR 2011 ----- | | | |
| MINIMUM BURN PCT | % | | 0.00 |
| 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 ----- | | | |

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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 -----

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.

| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | | | | | | | |
|--|---------------|-------------|--------------|---------------|---------------|---------------|---------------|------|
| | AMOS 1 | AMOS 2 | AMOS_OP 3 | BECKJORD 6 | BIG SAND 1 | BIG SAND 2 | CARD 1+2 1 | |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 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 THERMAL UNIT | 1 OPCO+CSP | | | | | | | |
| | CARD 1+2 2 | CARD 3 3 | CLIFTY 1 | CLIFTY 2 | CLIFTY 3 | CLIFTY 4 | CLIFTY 5 | |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | 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 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

| | 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 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 -----

| RATIO | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 |
|-------|------|------|------|------|------|------|------|
|-------|------|------|------|------|------|------|------|

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

| | 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 |

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

22
 CSVL 1-4
 4

23
 CSVL 5+6
 5

24
 CSVL 5+6
 6

25
 D C COOK
 1

26
 D C COOK
 2

27
 GAVIN
 1

28
 GAVIN
 2

----- 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 -----

RATIO 1.00 1.00 1.00 0.00 0.00 1.00 1.00

2B Input Summary.TXT

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

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

GENERATING COMPANIES
THERMAL UNIT

| | | | | | | | |
|------------|----------|----------|----|----|--------|--------|--------|
| 1 OPCO+CSP | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| | GLEN LYN | GLEN LYN | | | KAMMER | KAMMER | KAMMER |
| | 5 | 6 | 0 | 0 | 1 | 2 | 3 |

----- YEAR 2011 -----
OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

| | | | | | | | |
|------------|----------|----------|----|----|--------|--------|--------|
| 1 OPCO+CSP | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| | GLEN LYN | GLEN LYN | | | KAMMER | KAMMER | KAMMER |
| | 5 | 6 | 0 | 0 | 1 | 2 | 3 |

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

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

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

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

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

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

GENERATING COMPANIES
THERMAL UNIT

| | | | | | | | |
|------------|---------|---------|-------|-------|-------|-------|-------|
| 1 OPCO+CSP | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| | KANAUHA | KANAUHA | KYGER | KYGER | KYGER | KYGER | KYGER |
| | 1 | 2 | 1 | 2 | 3 | 4 | 5 |

----- YEAR 2011 -----
OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
|-------|------|------|------|------|------|------|------|

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

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

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

| | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|
| 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 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 1.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 |
|-------|------|------|------|------|------|------|------|

2B 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 -----

| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
|--|------------|------|-----------|-----------|-----------|-----------|-----------|----------|
| | MUSK RVR | 5 | P SPORN 1 | P SPORN 2 | P SPORN 3 | P SPORN 4 | P SPORN 5 | PICWAY 5 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 1.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
|--------------------------------------|------------|----|-----------|-----------|-----------|-----------|-----------|----------|
| | MUSK RVR | 5 | P SPORN 1 | P SPORN 2 | P SPORN 3 | P SPORN 4 | P SPORN 5 | PICWAY 5 |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 57 58 59 60 61 62 63
 RPRET_IM RPRUN_IM ROCKP_IM STUART STUART STUART
 1 1 2 0 1 2 3

----- 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 1.00 1.00 1.00 1.00

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----

RATIO 1.00 0.00 0.00 0.00 0.00 0.00 1.00

----- 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.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

| | | | | | | | |
|------------|----|---------|----------|----------|----------|--------|--------|
| 1 OPCO+CSP | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| STUART | 4 | AMOS_AP | TANN 1-3 | TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER |
| | 4 | 3 | 1 | 2 | 3 | 4 | 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 -----

GENERATING COMPANIES
 THERMAL UNIT

| | | | | | | | |
|------------|----|----------|----------|--------|--------|--------|--------|
| 1 OPCO+CSP | 71 | 72 | 73 | 75 | 76 | 77 | 78 |
| ROBTMONE | 1 | ROBTMONE | ROBTMONE | CEREDO | CEREDO | CEREDO | CEREDO |
| | 1 | 2 | 3 | 1 | 2 | 3 | 4 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

| | | | | | | | |
|------------|--------|--------|-------|-------|-------|-------|-------|
| 1 OPCO+CSP | 79 | 80 | 81 | 82 | 83 | 84 | 85 |
| | CEREDO | CEREDO | DARBY | DARBY | DARBY | DARBY | DARBY |
| | 5 | 6 | 1 | 2 | 3 | 4 | 5 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
|-------|------|------|------|------|------|------|------|

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2B Input Summary.TXT

| | | | | | | | | |
|--------------------------------------|------------|----|----------|---------|---------|---------|---------|---------|
| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 79 | 80 | 81 | 82 | 83 | 84 | 85 |
| | CEREDO | 5 | CEREDO 6 | DARBY 1 | DARBY 2 | DARBY 3 | DARBY 4 | DARBY 5 |

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

| | | | | | | | | |
|--------------------------------------|------------|----|------------|------------|------------|------------|-----------|---------|
| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 86 | 87 | 88 | 89 | 90 | 91 | 92 |
| | DARBY | 6 | LWBG WIN 1 | LWBG WIN 2 | LWBG SMR 1 | LWBG SMR 2 | WATR CC 1 | WATR2 1 |

----- YEAR 2011 -----
 OWNERSHIP RATIO RATIO 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 -----

| | | | | | | | | |
|--------------------------------------|------------|----|----------|----|-----------|-----------|-----------|------------|
| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 93 | 94 | 95 | 96 | 97 | 98 | 99 |
| | DRESDEN | 1 | DRESD2 1 | 0 | CT_APCO 1 | CC_APCO 1 | IGCC AP 1 | PC_UL_AP 1 |

----- YEAR 2011 -----
 OWNERSHIP RATIO RATIO 0.00 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 100 101 102 103 104 105 106
 Nuke_AP CT_I&M CC_I&M IGCC IM PC_UL_IM NUKE_IM CT_KPC0
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 OWNERSHIP RATIO RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 ----- 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.

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 100 101 102 103 104 105 106
 Nuke_AP CT_I&M CC_I&M IGCC IM PC_UL_IM NUKE_IM CT_KPC0
 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 -----

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 107 108 109 110 111 112 113
 CC_KP CO IGCC KP PC_UL_KP NUKE_KP CT_OHIO CC_OH IGCC OH
 1 1 1 1 1 1

----- 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 0.00 1.00 1.00 1.00

GENERATING COMPANIES

1 OPCO+CSP

| THERMAL UNIT | | 114 | 2B Input Summary.TXT | | 117 | 118 | 119 | 120 |
|-----------------|-----------|----------|----------------------|----------|------|---------|---------|---------|
| | | PC_UL_OH | 115 | 116 | | BS1_Gas | BS_RPWR | BS_BFCC |
| | | 1 | NUKE OH | CC_FA_KP | 0 | 1 | 1 | 1 |
| | | | 1 | 1 | | | | |
| ----- | YEAR 2011 | ----- | | | | | | |
| OWNERSHIP RATIO | RATIO | 1.00 | 1.00 | 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 | ----- | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES | | 1 OPCO+CSP | | | | | | | |
|----------------------|-----------|------------|---------|----------|-----|---------|---------|---------|--|
| THERMAL UNIT | | 114 | 115 | 116 | 117 | 118 | 119 | 120 | |
| | | PC_UL_OH | NUKE OH | CC_FA_KP | | BS1_Gas | BS_RPWR | BS_BFCC | |
| | | 1 | 1 | 1 | 0 | 1 | 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 | ----- | | | | | | | |

| GENERATING COMPANIES | | 1 OPCO+CSP | | | | | | | |
|----------------------|-----------|------------|---------|------|----------|----------|----------|----------|--|
| THERMAL UNIT | | 121 | 122 | 124 | 126 | 127 | 129 | 130 | |
| | | BS2_FGD | BS_BF50 | | CSV5_SCR | CSV6_SCR | CR1_NGCC | CR2_NGCC | |
| | | 23 | 1 | 0 | 5 | 6 | 1 | 2 | |
| ----- | YEAR 2011 | ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | |
| ----- | YEAR 2012 | ----- | | | | | | | |
| ----- | YEAR 2013 | ----- | | | | | | | |
| ----- | YEAR 2014 | ----- | | | | | | | |
| ----- | YEAR 2015 | ----- | | | | | | | |

2B 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 -----
 GENERATING COMPANIES
 THERMAL UNIT

| | 1 OPCO+CSP | | | | | | | |
|-----------------------|------------|---------|---------|---------|----------|---------|---------|------|
| | 131 | 132 | 133 | 134 | 135 | 136 | 137 | |
| | MR5_MGCC | MR5_FGD | RP1D_IM | RP2D_IM | TAN4_FGD | RP1D_KP | RP2D_KP | |
| | 5 | 5 | 1 | 2 | 4 | 1 | 2 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 1.00 | 1.00 | 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 ----- | | | | | | | | |

----- 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.

| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 144 | 145 | 153 | 154 | 155 | 156 | 157 |
|--|------------|------|------|--------------|------|------|------|------|
| | TC4_ESP | 4 | 0 | MTN_18% 1 | 0 | 0 | 0 | 0 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 0.00 | 1.00 | 0.00 | 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 ----- | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 158 | 159 | 160 | 161 | 162 | 166 | 168 |

2B Input Summary.TXT

| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------------|------------|------|------|------|------|------|------|------|
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 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 THERMAL UNIT | 1 OPC0+CSP | 169 | 170 | 171 | 172 | 173 | 174 | 175 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | 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 ----- | | | | | | | | |

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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | 169 | 170 | 171 | 172 | 173 | 174 | 175 |
|--------------------------------------|------------|------|------|------|------|------|------|------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 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 THERMAL UNIT | 1 OPCO+CSP | 176 | 177 | 178 | 179 | 181 | 182 | 183 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2011 ----- | RATIO | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 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 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

| | | | | | | |
|-----|---------|----------|----------|----------|----------|----------|
| 184 | 185 | 186 | 187 | 188 | 189 | 190 |
| 0 | RP1D_03 | RP1TR_IM | RP2TR_IM | RP1TR_KP | RP2TR_KP | T4_TRONA |
| | 1 | 1 | 2 | 1 | 2 | 4 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

| | | | | | | |
|------|------|------|------|------|------|------|
| 1.00 | 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

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GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

| | | | | | | |
|-----|---------|----------|----------|----------|----------|----------|
| 184 | 185 | 186 | 187 | 188 | 189 | 190 |
| 0 | RP1D_03 | RP1TR_IM | RP2TR_IM | RP1TR_KP | RP2TR_KP | T4_TRONA |
| | 1 | 1 | 2 | 1 | 2 | 4 |

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

2B Input Summary.TXT

| GENERATING COMPANIES THERMAL UNIT | | 1 OPCO+CSP | 191 T4_TRCCR 4 | 193 ML_KP20 1 | 194 ML_KP20 2 | 195 ML_KP50 1 | 196 ML_KP50 2 | 364 0 | 500 DUMMY_OP 0 |
|--------------------------------------|-----------------|------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ----- YEAR 2011 ----- | OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 ----- | | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | | 1 OPCO+CSP | 501 DUMMY_IM 0 | 502 DUMMY_AP 0 | 503 DUMMY_KP 0 | 955 CT_KPC0 955 | 956 CT_KPC0 956 | 957 CT_KPC0 957 | 958 CT_KPC0 958 |
| ----- YEAR 2011 ----- | OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | | |

2B 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 THERMAL UNIT | | 1 OPCO+CSP | | | | | | |
|--------------------------------------|-------|------------|---------|----------|----------|----------|---------|---------|
| | | 959 | 960 | 961 | 962 | 963 | 964 | 965 |
| | | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC | RP1D_KP |
| | | 959 | 960 | 961 | 962 | 963 | 964 | 965 |
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | | 1 OPCO+CSP | | | | | | |
|--------------------------------------|--|------------|---------|----------|----------|----------|---------|---------|
| | | 959 | 960 | 961 | 962 | 963 | 964 | 965 |
| | | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC | RP1D_KP |
| | | 959 | 960 | 961 | 962 | 963 | 964 | 965 |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

| | | | | | | | |
|---------|-----|----------|----------|----------|----------|----------|----------|
| RP1D_03 | 966 | 967 | 968 | 969 | 970 | 971 | 972 |
| | 966 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM |
| | | 967 | 968 | 969 | 970 | 971 | 972 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 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 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

1 OPCO+CSP

| | | | | | | | |
|----------|-----|----------|----------|----------|----------|----------|----------|
| DUMMY_OP | 973 | 974 | 975 | 976 | 977 | 978 | 979 |
| | 973 | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 974 | 975 | 976 | 977 | 978 | 979 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | | | | | | | |
|--------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--|
| | 973 DUMMY_OP 973 | 974 DUMMY_OP 974 | 975 DUMMY_OP 975 | 976 DUMMY_OP 976 | 977 DUMMY_OP 977 | 978 DUMMY_OP 978 | 979 DUMMY_OP 979 | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 THERMAL UNIT | 1 OPCO+CSP | | | | | | | |
| | 980 DUMMY_OP 980 | 981 DUMMY_OP 981 | 982 DUMMY_OP 982 | 983 DUMMY_OP 983 | 984 DUMMY_OP 984 | 985 DUMMY_OP 985 | 986 DUMMY_OP 986 | |
| OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

1 OPCO+CSP

| | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|
| | 987 | 988 | 989 | 990 | 991 | 992 | 993 |
| DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 987 | 988 | 989 | 990 | 991 | 992 | 993 | |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 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.THERMAL UNIT.

| | | | | | | | | |
|--------------------------------------|------------|-----|-----|-----|-----|-----|-----|-----|
| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | | | | | | | |
| | DUMMY_OP | 987 | 988 | 989 | 990 | 991 | 992 | 993 |
| | | 987 | 988 | 989 | 990 | 991 | 992 | 993 |

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

| | | | | | | | | |
|--------------------------------------|------------|-----|-----|-----|-----|-----------------|-----------------|--|
| GENERATING COMPANIES THERMAL UNIT | 1 OPCO+CSP | | | | | | | |
| | DUMMY_OP | 994 | 995 | 996 | 997 | 998 | 999 | |
| | | 994 | 995 | 996 | 997 | T4_TROMA 998 | DUMMY_OP 999 | |

| | | | | | | | | |
|--|-------|------|------|------|------|------|------|--|
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 1.00 | 1.00 | 1.00 | 1.00 | 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 THERMAL UNIT | 2 I&M | | | | | | | |
| | AMOS | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | 1 | 2 | AMOS_OP 3 | BECKJORD 6 | BIG SAND 1 | BIG SAND 2 | CARD 1+2 1 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|
| | 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 ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 ----- | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | |

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NewEnergy Associates
 Strategist Page 504

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|
| | 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 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|--|--------|----------|----------|----------|----------|----------|----------|
| | 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 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

2B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|-----------|----|-----|-----|----------|----------|-------|-------|
| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| CSV L 1-4 | 4 | 5+6 | 5+6 | D C COOK | D C COOK | GAVIN | GAVIN |
| | 4 | 5 | 6 | 1 | 2 | 1 | 2 |

----- 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 -----

RATIO

| | | | | | | |
|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|-----------|----|-----|-----|----------|----------|-------|-------|
| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| CSV L 1-4 | 4 | 5+6 | 5+6 | D C COOK | D C COOK | GAVIN | GAVIN |
| | 4 | 5 | 6 | 1 | 2 | 1 | 2 |

----- 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
 THERMAL UNIT

2 I&M

| | | | | | | | |
|----------|----|----------|----|----|----|--------|--------|
| | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| GLEN LYN | 5 | GLEN LYN | 6 | 0 | 0 | KAMMER | KAMMER |
| | 5 | 6 | 0 | 0 | 1 | 2 | 3 |

2B Input Summary.TXT

| YEAR | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|--------------------------------------|-------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|
| 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 | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 36 KANAUHA 1 | 37 KANAUHA 2 | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 |
| YEAR 2011 | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2012 | | | | | | | | |
| 2013 | | | | | | | | |
| 2014 | | | | | | | | |
| 2015 | | | | | | | | |
| 2016 | | | | | | | | |
| 2017 | | | | | | | | |
| 2018 | | | | | | | | |
| 2019 | | | | | | | | |
| 2020 | | | | | | | | |
| 2021 | | | | | | | | |
| 2022 | | | | | | | | |
| 2023 | | | | | | | | |
| 2024 | | | | | | | | |
| 2025 | | | | | | | | |

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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.

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
|--|-------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | MITCHELL 1 | MITCHELL 2 | MOUNT_ER 1 | MUSK RVR 1 | MUSK RVR 2 | MUSK RVR 3 | MUSK RVR 4 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|--|----------|---------|---------|---------|---------|---------|--------|
| | 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 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|--|----------|----------|----------|----|--------|--------|--------|
| | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| | RPRET_IM | RPRUN_IM | ROCKP_IM | | STUART | STUART | STUART |
| | 1 | 1 | 2 | 0 | 1 | 2 | 3 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 1.00 | 1.00 | 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 57 RPRET_IM 1 | 58 RPRUN_IM 1 | 59 ROCKP_IM 2 | 60 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 |
|--------------------------------------|-------|---------------------|---------------------|---------------------|----|-------------------|-------------------|-------------------|
|--------------------------------------|-------|---------------------|---------------------|---------------------|----|-------------------|-------------------|-------------------|

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 THERMAL UNIT | 2 I&M | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 1 | 67 TANN 1-3 2 | 68 TANN 1-3 3 | 69 TANN 4 4 | 70 ZIMMER 1 |
|--------------------------------------|-------|-------------------|--------------------|---------------------|---------------------|---------------------|-------------------|-------------------|
|--------------------------------------|-------|-------------------|--------------------|---------------------|---------------------|---------------------|-------------------|-------------------|

| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 |
|-----------------------|-------|------|------|------|------|------|------|------|
| ----- 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 -----

| GENERATING COMPANIES THERMAL UNIT | | 2 I&M | 71 ROBTMONE 1 | 72 ROBTMONE 2 | 73 ROBTMONE 3 | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 |
|--------------------------------------|-----------------|-------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| ----- YEAR 2011 ----- | OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | | 2 I&M | 71 ROBTMONE 1 | 72 ROBTMONE 2 | 73 ROBTMONE 3 | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 |
|--------------------------------------|--|-------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | | |

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|--------|----|--------|-------|-------|-------|-------|-------|
| | 79 | 80 | 81 | 82 | 83 | 84 | 85 |
| CEREDO | | CEREDO | DARBY | DARBY | DARBY | DARBY | DARBY |
| | 5 | 6 | 1 | 2 | 3 | 4 | 5 |

----- 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 0.00 0.00 0.00 0.00 0.00

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|-------|----|----------|----------|----------|----------|---------|-------|
| | 86 | 87 | 88 | 89 | 90 | 91 | 92 |
| DARBY | | LWBG WIN | LWBG WIN | LWBG SMR | LWBG SMR | WATR CC | WATR2 |
| | 6 | 1 | 2 | 1 | 2 | 1 | 1 |

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

RATIO

0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

2B 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 -----

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 93 DRESDEN 1 | 94 DRESD2 1 | 95 0 | 96 CT_APCO 1 | 97 CC_APCO 1 | 98 IGCC AP 1 | 99 PC_UL_AP 1 |
|--|-------|--------------------|-------------------|---------|--------------------|--------------------|--------------------|---------------------|
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |

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

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 93 DRESDEN 1 | 94 DRESD2 1 | 95 0 | 96 CT_APCO 1 | 97 CC_APCO 1 | 98 IGCC AP 1 | 99 PC_UL_AP 1 |
|--------------------------------------|-------|--------------------|-------------------|---------|--------------------|--------------------|--------------------|---------------------|
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | |
|---------|--------|--------|---------|----------|---------|---------|
| 100 | 101 | 102 | 103 | 104 | 105 | 106 |
| Nuke_AP | CT_I&M | CC_I&M | IGCC IM | PC_UL_IM | NUKE_IM | CT_KPC0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| | | | | | | | |
|-----------------------|-------|------|------|------|------|------|------|
| ----- YEAR 2011 ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 1.00 | 1.00 | 1.00 | 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 ----- | | | | | | | |

2B Input Summary.TXT

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 107 CC_KPFCO 1 | 108 IGCC KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 1 | 111 CT_OHIO 1 | 112 CC_OH 1 | 113 IGCC OH 1 |
|--------------------------------------|-------|----------------------|---------------------|----------------------|---------------------|---------------------|-------------------|---------------------|
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 107 CC_KPFCO 1 | 108 IGCC KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 1 | 111 CT_OHIO 1 | 112 CC_OH 1 | 113 IGCC OH 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 ----- | | | | | | | | |

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 114 PC_UL_OH 1 | 115 NUKE OH 1 | 116 CC_FA_KP 1 | 117 0 | 118 BS1_Gas 1 | 119 BS_RPWR 1 | 120 BS_BFCC 1 |
|--------------------------------------|-------|----------------------|---------------------|----------------------|----------|---------------------|---------------------|---------------------|
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | | | | | |
|---------|-----|---------|-----|----------|-----|----------|-----|----------|---|----------|---|
| | 121 | 122 | 124 | 126 | 127 | 129 | 130 | | | | |
| BS2_FGD | 23 | BS_BF50 | 1 | CSV5_SCR | 5 | CSV6_SCR | 6 | CR1_MGCC | 1 | CR2_MGCC | 2 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

2B Input Summary.TXT

----- 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.

| | | | | | | | | |
|--------------------------------------|-------|----------------------|---------------------|----------|----------------------|----------------------|----------------------|----------------------|
| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 121 BS2_FGD 23 | 122 BS_BF50 1 | 124 0 | 126 CSV5_SCR 5 | 127 CSV6_SCR 6 | 129 CR1_NGCC 1 | 130 CR2_NGCC 2 |
|--------------------------------------|-------|----------------------|---------------------|----------|----------------------|----------------------|----------------------|----------------------|

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

| | | | | | | | | |
|--------------------------------------|-------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 1 | 137 RP2D_KP 2 |
|--------------------------------------|-------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|

| | | | | | | | | |
|-----------------|-------|------|------|------|------|------|------|------|
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 |
|-----------------|-------|------|------|------|------|------|------|------|

----- 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 -----

2B Input Summary.TXT

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

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

GENERATING COMPANIES
THERMAL UNIT

2 I&M

| | | | | | | |
|--------------|-----|--------------|-----|-----|-----|-----|
| 144 | 145 | 153 | 154 | 155 | 156 | 157 |
| TC4_ESP 4 | 0 | MTN_18% 1 | 0 | 0 | 0 | 0 |

----- YEAR 2011 -----
OWNERSHIP RATIO

RATIO 1.00 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 -----

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

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

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

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

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

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

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

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

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

GENERATING COMPANIES
THERMAL UNIT

2 I&M

| | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| 158 | 159 | 160 | 161 | 162 | 166 | 168 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- YEAR 2011 -----
OWNERSHIP RATIO

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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

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

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

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

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

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2B Input Summary.TXT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 158 | 159 | 160 | 161 | 162 | 166 | 168 |
|--------------------------------------|-------|------|------|------|------|------|------|------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 THERMAL UNIT | 2 I&M | 169 | 170 | 171 | 172 | 173 | 174 | 175 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- 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 ----- | | | | | | | | |

2B 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 -----

| | | | | | | | | |
|--------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|
| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 176 | 177 | 178 | 179 | 181 | 182 | 183 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|--|-------|------|------|------|------|------|------|------|
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 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 -----
 ----- 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.

| | | | | | | | | |
|--------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|
| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 176 | 177 | 178 | 179 | 181 | 182 | 183 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | |
|-----|--------------|---------------|---------------|---------------|---------------|---------------|
| 184 | 185 | 186 | 187 | 188 | 189 | 190 |
| 0 | RP1D_03 1 | RP1TR_IM 1 | RP2TR_IM 2 | RP1TR_KP 1 | RP2TR_KP 2 | T4_TRONA 4 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

| | | | | | | |
|------|------|------|------|------|------|------|
| 0.00 | 1.00 | 1.00 | 1.00 | 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
 THERMAL UNIT

2 I&M

| | | | | | | |
|---------------|--------------|--------------|--------------|--------------|-----|---------------|
| 191 | 193 | 194 | 195 | 196 | 364 | 500 |
| T4_TRCCR 4 | ML_KP20 1 | ML_KP20 2 | ML_KP50 1 | ML_KP50 2 | 0 | DUMMY_OP 0 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

| | | | | | | |
|------|------|------|------|------|------|------|
| 1.00 | 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 -----
 ----- 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.
 ‡ 02/07/13 16:00:32 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 501 | 502 | 503 | 955 | 956 | 957 | 958 |
|--|-------|----------|----------|----------|---------|---------|---------|---------|
| | | DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KPC0 | CT_KPC0 | CT_KPC0 | CT_KPC0 |
| | | 0 | 0 | 0 | 955 | 956 | 957 | 958 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 1.00 | 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 ----- | | | | | | | | |

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | | | | | | | |
|---------|-----|---------|-----|----------|-----|----------|-----|----------|-----|---------|-----|---------|-----|
| RP2D_KP | 959 | RP2D_IM | 960 | CSV6_SCR | 961 | CSV5_SCR | 962 | DUMMY_OP | 963 | BS_BFCC | 964 | RP1D_KP | 965 |
| | 959 | | 960 | | 961 | | 962 | | 963 | | 964 | | 965 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 1.00 | 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | | | | | | | |
|---------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| RP1D_03 | 966 | DUMMY_KP | 967 | CR2_NGCC | 968 | CR1_NGCC | 969 | MR5_NGCC | 970 | RP2TR_KP | 971 | RP2TR_IM | 972 |
| | 966 | | 967 | | 968 | | 969 | | 970 | | 971 | | 972 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 0.00 | 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 2 I&M | 966 | 967 | 968 | 969 | 970 | 971 | 972 |
|--------------------------------------|-------|---------|----------|----------|----------|----------|----------|----------|
| | | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM |
| | | 966 | 967 | 968 | 969 | 970 | 971 | 972 |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 THERMAL UNIT | 2 I&M | 973 | 974 | 975 | 976 | 977 | 978 | 979 |
|--------------------------------------|-------|----------|----------|----------|----------|----------|----------|----------|
| | | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 973 | 974 | 975 | 976 | 977 | 978 | 979 |
| ----- YEAR 2011 ----- | RATIO | 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

| | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|
| | 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 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

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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.

| GENERATING COMPANIES THERMAL UNIT | | 2 I&M | 980 DUMMY_OP 980 | 981 DUMMY_OP 981 | 982 DUMMY_OP 982 | 983 DUMMY_OP 983 | 984 DUMMY_OP 984 | 985 DUMMY_OP 985 | 986 DUMMY_OP 986 |
|--------------------------------------|-----------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- | YEAR 2035 | ----- | | | | | | | |
| ----- | YEAR 2036 | ----- | | | | | | | |
| ----- | YEAR 2037 | ----- | | | | | | | |
| ----- | YEAR 2038 | ----- | | | | | | | |
| ----- | YEAR 2039 | ----- | | | | | | | |
| ----- | YEAR 2040 | ----- | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | | 2 I&M | 987 DUMMY_OP 987 | 988 DUMMY_OP 988 | 989 DUMMY_OP 989 | 990 DUMMY_OP 990 | 991 DUMMY_OP 991 | 992 DUMMY_OP 992 | 993 DUMMY_OP 993 |
| ----- | YEAR 2011 | ----- | | | | | | | |
| OWNERSHIP RATIO | | RATIO | 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 | ----- | | | | | | | |
| ----- | YEAR 2032 | ----- | | | | | | | |
| ----- | YEAR 2033 | ----- | | | | | | | |
| ----- | YEAR 2034 | ----- | | | | | | | |
| ----- | YEAR 2035 | ----- | | | | | | | |
| ----- | YEAR 2036 | ----- | | | | | | | |
| ----- | YEAR 2037 | ----- | | | | | | | |
| ----- | YEAR 2038 | ----- | | | | | | | |
| ----- | YEAR 2039 | ----- | | | | | | | |
| ----- | YEAR 2040 | ----- | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | | 2 I&M | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | 998 T4_TRONA 998 | 999 DUMMY_OP 999 | |
| ----- | YEAR 2011 | ----- | | | | | | | |
| OWNERSHIP RATIO | | RATIO | 0.00 | 0.00 | 0.00 | 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 -----
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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 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | |
|------|------|---------|----------|----------|----------|----------|
| 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 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | |
|------|------|---------|----------|----------|----------|----------|
| 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 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|
| | 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 -----
 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--------|----|----------|----------|----------|----------|----------|----------|
| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| CLIFTY | 6 | CLINCH R | CLINCH R | CLINCH R | ROCKP_KP | ROCKP_KP | CSVL 1-4 |
| | | 1 | 2 | 3 | 1 | 2 | 3 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--------|----|----------|----------|----------|----------|----------|----------|
| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| CLIFTY | 6 | CLINCH R | CLINCH R | CLINCH R | ROCKP_KP | ROCKP_KP | CSVL 1-4 |
| | | 1 | 2 | 3 | 1 | 2 | 3 |

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

3 APCO

| | | | | | | | |
|----------|----|----------|----------|----------|----------|-------|-------|
| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| CSVL 1-4 | | CSVL 5+6 | CSVL 5+6 | D C COOK | D C COOK | GAVIN | GAVIN |

2B Input Summary.TXT

| | 4 | 5 | 6 | 1 | 2 | 1 | 2 |
|--|-------|------|------|------|------|------|------|
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | |

GENERATING COMPANIES
THERMAL UNIT

3 APCO

| | 29 GLEN LYN 5 | 30 GLEN LYN 6 | 31 | 32 | 33 KAMMER 1 | 34 KAMMER 2 | 35 KAMMER 3 |
|--|---------------------|---------------------|------|------|-------------------|-------------------|-------------------|
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 1.00 | 1.00 | 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 3 | APCO | | 31 | 32 | 33 | | 34 | | 35 |
|--------------------------------------|-------|---------------|---------------|------|------|-------------|-------------|-------------|------------|------|
| | | GLEN LYN 5 | GLEN LYN 6 | | | KAMMER 1 | KAMMER 2 | KAMMER 3 | | |
| ----- YEAR 2038 ----- | | | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | 3 | APCO | | 38 | 39 | 40 | | 41 | | 42 |
| | | KANAWHA 1 | KANAWHA 2 | | | KYGER 1 | KYGER 2 | KYGER 3 | KYGER 4 | |
| ----- YEAR 2011 ----- | | | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 1.00 | 1.00 | 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 ----- | | | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | | | |

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|
| | 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 |

----- 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 -----
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 ----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--|----------|---------|---------|---------|---------|---------|--------|
| | 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 |

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 3 | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
|--------------------------------------|------|----------|---------|---------|---------|---------|---------|--------|
| | APCO | MUSK RVR | P SPORN | P SPORN | P SPORN | P SPORN | P SPORN | PICWAY |
| | | 5 | 1 | 2 | 3 | 4 | 5 | 5 |

----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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 THERMAL UNIT | 3 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
|--------------------------------------|------|----------|----------|----------|----|--------|--------|--------|
| | APCO | RPRET_IM | RPRUN_IM | ROCKP_IM | | STUART | STUART | STUART |
| | | 1 | 1 | 2 | 0 | 1 | 2 | 3 |

| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-----------------------|-------|------|------|------|------|------|------|------|
| ----- 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 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--------|----|---------|----------|----------|----------|--------|--------|
| | 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 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 1.00 | 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.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--------|----|---------|----------|----------|----------|--------|--------|
| | 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 |

----- YEAR 2029 -----
 ----- YEAR 2030 -----

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--|----------|----------|----------|--------|--------|--------|--------|
| | 71 | 72 | 73 | 75 | 76 | 77 | 78 |
| | ROBTMONE | ROBTMONE | ROBTMONE | CEREDO | CEREDO | CEREDO | CEREDO |
| | 1 | 2 | 3 | 1 | 2 | 3 | 4 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 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 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--|--------|--------|-------|-------|-------|-------|-------|
| | 79 | 80 | 81 | 82 | 83 | 84 | 85 |
| | CEREDO | CEREDO | DARBY | DARBY | DARBY | DARBY | DARBY |
| | 5 | 6 | 1 | 2 | 3 | 4 | 5 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 1.00 | 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 -----
 ----- 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.

| GENERATING COMPANIES THERMAL UNIT | 3 APCO | 86 | 87 | 88 | 89 | 90 | 91 | 92 |
|--|--------|------------|---------------|---------------|---------------|---------------|--------------|------------|
| | | DARBY 6 | LWBG WIN 1 | LWBG WIN 2 | LWBG SMR 1 | LWBG SMR 2 | WATR CC 1 | WATR2 1 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | |

2B 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
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--|---------|--------|----|---------|---------|---------|----------|
| | 93 | 94 | 95 | 96 | 97 | 98 | 99 |
| | DRESDEN | DRESD2 | | CT_APCO | CC_APCO | IGCC AP | PC_UL_AP |
| | 1 | 1 | 0 | 1 | 1 | 1 | 1 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 1.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 |
|-------|------|------|------|------|------|------|------|

2B Input Summary.TXT

| ----- YEAR 2040 ----- | | | | | | | | |
|-----------------------|-----------------|---------|--------|--------|---------|----------|---------|---------|
| GENERATING COMPANIES | | 3 APCO | | | | | | |
| THERMAL UNIT | | 100 | 101 | 102 | 103 | 104 | 105 | 106 |
| | | Nuke_AP | CT_I&M | CC_I&M | IGCC IM | PC_UL_IM | NUKE_IM | CT_KPCO |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ----- YEAR 2011 ----- | OWNERSHIP RATIO | RATIO | 1.00 | 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 ----- | | | | | | | | |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ----- YEAR 2023 ----- | | | | | | | | |
|-----------------------|-----------------|---------|---------|----------|---------|----------|---------|---------|
| GENERATING COMPANIES | | 3 APCO | | | | | | |
| THERMAL UNIT | | 100 | 101 | 102 | 103 | 104 | 105 | 106 |
| | | Nuke_AP | CT_I&M | CC_I&M | IGCC IM | PC_UL_IM | NUKE_IM | CT_KPCO |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 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 ----- | | | | | | | | |
| GENERATING COMPANIES | | 3 APCO | | | | | | |
| THERMAL UNIT | | 107 | 108 | 109 | 110 | 111 | 112 | 113 |
| | | CC_KPCO | IGCC KP | PC_UL_KP | NUKE_KP | CT_OHIO | CC_OH | IGCC OH |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ----- YEAR 2011 ----- | OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | | |
|--|----------|---------|----------|-----|---------|---------|---------|
| | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| | PC_UL_OH | NUKE OH | CC_FA_KP | | BS1_Gas | BS_RPWR | BS_BFCC |
| | 1 | 1 | 1 | 0 | 1 | 1 | 1 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

----- 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.

| GENERATING COMPANIES THERMAL UNIT | 3 | APCO | | | | | | |
|--|-------|----------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | 114 PC_UL_OH 1 | 115 NUKE OH 1 | 116 CC_FA_KP 1 | 117 0 | 118 BS1_Gas 1 | 119 BS_RPWR 1 | 120 BS_BFCC 1 |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | 3 | APCO | | | | | | |
| | | 121 BS2_FGD 23 | 122 BS_BF50 1 | 124 0 | 126 CSV5_SCR 5 | 127 CSV6_SCR 6 | 129 CR1_MGCC 1 | 130 CR2_MGCC 2 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 ----- | | | | | | | | |

2B Input Summary.TXT

| YEAR | 3 | APCO | 131 MR5_NGCC 5 | 132 MR5_FGD 5 | 133 RP1D_IM 1 | 134 RP2D_IM 2 | 135 TAN4_FGD 4 | 136 RP1D_KP 1 | 137 RP2D_KP 2 |
|--------------------------------------|-------|------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| ----- YEAR 2039 ----- | | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | | | | | | | | | |
| ----- YEAR 2011 ----- | | | | | | | | | |
| OWNERSHIP RATIO | RATIO | | 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 ----- | | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | | |

| YEAR | 3 | APCO | 144 TC4_ESP 4 | 145 | 153 MTN_18% 1 | 154 | 155 | 156 | 157 |
|--------------------------------------|-------|------|---------------------|------|---------------------|------|------|------|------|
| GENERATING COMPANIES THERMAL UNIT | | | | | | | | | |
| ----- YEAR 2011 ----- | | | | | | | | | |
| OWNERSHIP RATIO | RATIO | | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- YEAR 2012 ----- | | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | | |

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

| YEAR | 3 | APCO | 144 TC4_ESP | 145 | 153 MTN_18% | 154 | 155 | 156 | 157 |
|--------------------------------------|---|------|----------------|-----|----------------|-----|-----|-----|-----|
| GENERATING COMPANIES THERMAL UNIT | | | | | | | | | |

4 0 0 0 0

----- 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 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

158 159 160 161 162 166 168
 0 0 0 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 -----

RATIO

0.00 0.00 0.00 0.00 0.00 0.00 0.00

----- 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 THERMAL UNIT | 3 APCO | 169 | 170 | 171 | 172 | 173 | 174 | 175 |
|--|--------|------|------|------|------|------|------|------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 3 APCO | 169 | 170 | 171 | 172 | 173 | 174 | 175 |
|--------------------------------------|--------|-----|-----|-----|-----|-----|-----|-----|
| | | 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| 176 | 177 | 178 | 179 | 181 | 182 | 183 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | |
|-----|--------------|---------------|---------------|---------------|---------------|---------------|
| 184 | 185 | 186 | 187 | 188 | 189 | 190 |
| 0 | RP1D_03 1 | RP1TR_IM 1 | RP2TR_IM 2 | RP1TR_KP 1 | RP2TR_KP 2 | T4_TRONA 4 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

| | | | | | | |
|------|------|------|------|------|------|------|
| 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 -----
 ----- 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
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 3 | APCO | 184 | 185 | 186 | 187 | 188 | 189 | 190 |
|--------------------------------------|-------|------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| | | | 0 | RP1D_03 1 | RP1TR_IM 1 | RP2TR_IM 2 | RP1TR_KP 1 | RP2TR_KP 2 | T4_TRONA 4 |
| ----- YEAR 2038 ----- | | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | 3 | APCO | 191 | 193 | 194 | 195 | 196 | 364 | 500 |
| | | | T4_TRCCR 4 | ML_KP20 1 | ML_KP20 2 | ML_KP50 1 | ML_KP50 2 | 0 | DUMMY_OP 0 |
| ----- YEAR 2011 ----- | | | | | | | | | |
| OWNERSHIP RATIO | RATIO | | 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 ----- | | | | | | | | | |

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | |
|----------|----------|----------|---------|---------|---------|---------|
| 501 | 502 | 503 | 955 | 956 | 957 | 958 |
| DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KPC0 | CT_KPC0 | CT_KPC0 | CT_KPC0 |
| 0 | 0 | 0 | 955 | 956 | 957 | 958 |

----- 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 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|------|------|------|

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

| | | | | | | |
|---------|---------|----------|----------|----------|---------|---------|
| 959 | 960 | 961 | 962 | 963 | 964 | 965 |
| RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC | RP1D_KP |
| 959 | 960 | 961 | 962 | 963 | 964 | 965 |

2B Input Summary.TXT

| YEAR | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|-------|------|------|------|------|------|------|------|
| 2011 | | | | | | | | |
| 2012 | | | | | | | | |
| 2013 | | | | | | | | |
| 2014 | | | | | | | | |
| 2015 | | | | | | | | |
| 2016 | | | | | | | | |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

3 APCO

| 959 | 960 | 961 | 962 | 963 | 964 | 965 |
|---------|---------|----------|----------|----------|---------|---------|
| RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC | RP1D_KP |
| 959 | 960 | 961 | 962 | 963 | 964 | 965 |

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

GENERATING COMPANIES
THERMAL UNIT

3 APCO

| 966 | 967 | 968 | 969 | 970 | 971 | 972 |
|---------|----------|----------|----------|----------|----------|----------|
| RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM |
| 966 | 967 | 968 | 969 | 970 | 971 | 972 |

| YEAR | RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 |
|------|-------|------|------|------|------|------|------|------|
| 2011 | | | | | | | | |
| 2012 | | | | | | | | |
| 2013 | | | | | | | | |
| 2014 | | | | | | | | |
| 2015 | | | | | | | | |
| 2016 | | | | | | | | |
| 2017 | | | | | | | | |

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

3 APCO

| | | | | | | | |
|----------|-----|----------|----------|----------|----------|----------|----------|
| | 973 | 974 | 975 | 976 | 977 | 978 | 979 |
| DUMMY_OP | 973 | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 973 | 974 | 975 | 976 | 977 | 978 | 979 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

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2B Input Summary.TXT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | | 3 | APCO | 973 | 974 | 975 | 976 | 977 | 978 | 979 |
|--------------------------------------|-----------|-------|-------|----------|----------|----------|----------|----------|----------|----------|
| | | | | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | | | 973 | 974 | 975 | 976 | 977 | 978 | 979 |
| ----- | 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 THERMAL UNIT | | 3 | APCO | 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 2011 | ----- | | | | | | | | |
| OWNERSHIP RATIO | | | RATIO | 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 | ----- | | | | | | | | |
| ----- | YEAR 2032 | ----- | | | | | | | | |
| ----- | YEAR 2033 | ----- | | | | | | | | |
| ----- | YEAR 2034 | ----- | | | | | | | | |
| ----- | YEAR 2035 | ----- | | | | | | | | |
| ----- | YEAR 2036 | ----- | | | | | | | | |
| ----- | YEAR 2037 | ----- | | | | | | | | |
| ----- | YEAR 2038 | ----- | | | | | | | | |
| ----- | YEAR 2039 | ----- | | | | | | | | |
| ----- | YEAR 2040 | ----- | | | | | | | | |

GENERATING COMPANIES
THERMAL UNIT

3 APCO

2B Input Summary.TXT

| 987 | 988 | 989 | 990 | 991 | 992 | 993 |
|----------|----------|----------|----------|----------|----------|----------|
| DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| 987 | 988 | 989 | 990 | 991 | 992 | 993 |

| YEAR | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|-------|------|------|------|------|------|------|
| 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 | | | | | | | |

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Strategist Page 530

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

3 APCO

| 994 | 995 | 996 | 997 | 998 | 999 |
|----------|----------|----------|----------|----------|----------|
| DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | T4_TRONA | DUMMY_OP |
| 994 | 995 | 996 | 997 | 998 | 999 |

| YEAR | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|------|-------|------|------|------|------|------|
| 2011 | | | | | | |
| 2012 | | | | | | |
| 2013 | | | | | | |
| 2014 | | | | | | |
| 2015 | | | | | | |
| 2016 | | | | | | |
| 2017 | | | | | | |

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

4 KPCO

| | | | | | | | | | | | | | |
|------|---|------|---|---------|---|----------|---|----------|---|----------|---|----------|---|
| AMOS | 1 | AMOS | 2 | AMOS_OP | 3 | BECKJORD | 4 | BIG SAND | 5 | BIG SAND | 6 | CARD 1+2 | 7 |
| | 1 | | 2 | | 3 | | 6 | | 1 | | 2 | | 1 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

RATIO 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.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|
| | 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 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

4 KPCO

15 16 17 18 19 20 21

| | | 2B Input Summary.TXT | | | | | | |
|-----------------------------------|-----------------|----------------------|----------|----------|----------|----------|----------|----------|
| | | CLIFTY | CLINCH R | CLINCH R | CLINCH R | ROCKP_KP | ROCKP_KP | CSVL 1-4 |
| | | 6 | 1 | 2 | 3 | 1 | 2 | 3 |
| ----- | YEAR 2011 ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 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 THERMAL UNIT | | 4 KPCO | | | | | | |
| | | 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 ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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.

| | | | | | | | | |
|----------------------|--------|----------|----------|----------|----------|----------|-------|-------|
| GENERATING COMPANIES | 4 KPCO | | | | | | | |
| THERMAL UNIT | | 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 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | | | | | | | |
|----------------------|--------|----------|----------|----|----|--------|--------|--------|
| GENERATING COMPANIES | 4 KPCO | | | | | | | |
| THERMAL UNIT | | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| | | GLEN LYN | GLEN LYN | | | KAMMER | KAMMER | KAMMER |
| | | 5 | 6 | 0 | 0 | 1 | 2 | 3 |

| | | | | | | | | |
|-----------------|-------|------|------|------|------|------|------|------|
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-----------------|-------|------|------|------|------|------|------|------|

----- 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 -----

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|--|---------|---------|-------|-------|-------|-------|-------|
| | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| | KANAWHA | KANAWHA | KYGER | KYGER | KYGER | KYGER | KYGER |
| | 1 | 2 | 1 | 2 | 3 | 4 | 5 |

----- 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 -----
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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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|
| | 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 |

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 43 MITCHELL 1 | 44 MITCHELL 2 | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 |
|--|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 THERMAL UNIT | 4 KPCO | 50 MUSK RVR 5 | 51 P SPORN 1 | 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 57 RPRET_IM 1 | 58 RPRUN_IM 1 | 59 ROCKP_IM 2 | 60 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 |
|--|--------|---------------------|---------------------|---------------------|------|-------------------|-------------------|-------------------|
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 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 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 57 RPRET_IM 1 | 58 RPRUN_IM 1 | 59 ROCKP_IM 2 | 60 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 |
|--------------------------------------|--------|---------------------|---------------------|---------------------|----|-------------------|-------------------|-------------------|
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |

2B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|--------|----|---------|----------|----------|----------|--------|--------|
| | 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 |

----- 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 -----
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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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|----------|----|----------|----------|--------|--------|--------|--------|
| | 71 | 72 | 73 | 75 | 76 | 77 | 78 |
| ROBTMONE | | ROBTMONE | ROBTMONE | CEREDO | CEREDO | CEREDO | CEREDO |
| 1 | | 2 | 3 | 1 | 2 | 3 | 4 |

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- 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
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|--------------------------------------|--------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 71 ROBTMONE 1 | 72 ROBTMONE 2 | 73 ROBTMONE 3 | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 79 CEREDO 5 | 80 CEREDO 6 | 81 DARBY 1 | 82 DARBY 2 | 83 DARBY 3 | 84 DARBY 4 | 85 DARBY 5 |
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|-------|----|----------|----------|----------|----------|---------|-------|
| | 86 | 87 | 88 | 89 | 90 | 91 | 92 |
| DARBY | | LWBG WIN | LWBG WIN | LWBG SMR | LWBG SMR | WATR CC | WATR2 |
| | 6 | 1 | 2 | 1 | 2 | 1 | 1 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

2B Input Summary.TXT

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

| GENERATING COMPANIES THERMAL UNIT | | 4 KPCO | | | | | | |
|--------------------------------------|-------|---------------|-------------|------|---------------|---------------|---------------|----------------|
| | | 93 DRESDEN | 94 DRES2 | 95 | 96 CT_APCO | 97 CC_APCO | 98 IGCC AP | 99 PC_UL_AP |
| | | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ----- 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.

| GENERATING COMPANIES THERMAL UNIT | | 4 KPCO | | | | | | |
|--------------------------------------|--|---------------|-------------|----|---------------|---------------|---------------|----------------|
| | | 93 DRESDEN | 94 DRES2 | 95 | 96 CT_APCO | 97 CC_APCO | 98 IGCC AP | 99 PC_UL_AP |
| | | 1 | 1 | 0 | 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 ----- | | | | | | | | |

| GENERATING COMPANIES THERMAL UNIT | | 4 KPCO | | | | | | |
|--------------------------------------|-------|----------------|---------------|---------------|----------------|-----------------|----------------|----------------|
| | | 100 Nuke_AP | 101 CT_I&M | 102 CC_I&M | 103 IGCC IM | 104 PC_UL_IM | 105 NUKE_IM | 106 CT_KPCO |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 |

2B 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 -----
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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 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|---------|---------|----------|---------|---------|-------|---------|-----|
| | 107 | 108 | 109 | 110 | 111 | 112 | 113 |
| CC_KPCO | IGCC KP | PC_UL_KP | NUKE_KP | CT_OHIO | CC_OH | IGCC OH | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

| | | | | | | |
|-------|---------|----------|---------|---------|-------|---------|
| 107 | 108 | 109 | 110 | 111 | 112 | 113 |
| CC_KP | IGCC KP | PC_UL_KP | NUKE_KP | CT_OHIO | CC_OH | IGCC OH |
| 1 | 1 | 1 | 1 | 1 | 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 -----

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

| | | | | | | |
|----------|---------|----------|-----|---------|---------|---------|
| 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| PC_UL_OH | NUKE OH | CC_FA_KP | | BS1_Gas | BS_RPWR | BS_BFCC |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 |

----- 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 -----

| | | | | | | |
|-------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 |
|-------|------|------|------|------|------|------|

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | | | | | | |
|---------|-----|---------|-----|-----|----------|-----|----------|---|----------|---|----------|---|
| | 121 | 122 | 124 | 126 | 127 | 129 | 130 | | | | | |
| BS2_FGD | 23 | BS_BF50 | 1 | 0 | CSV5_SCR | 5 | CSV6_SCR | 6 | CR1_NGCC | 1 | CR2_NGCC | 2 |

----- 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 | 1.00 | 1.00 | 1.00 | 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.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | | | | | | | |
|----------|-----|---------|-----|---------|-----|---------|-----|----------|---|---------|---|---------|---|
| | 131 | 132 | 133 | 134 | 135 | 136 | 137 | | | | | | |
| MR5_NGCC | 5 | MR5_FGD | 5 | RP1D_IM | 1 | RP2D_IM | 2 | TAN4_FGD | 4 | RP1D_KP | 1 | RP2D_KP | 2 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 |
|-------|------|------|------|------|------|------|------|

2B 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 -----
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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 -----

GENERATING COMPANIES
 THERMAL UNIT

| | | | | | | | |
|---------|-----|-----|---------|-----|-----|-----|-----|
| 4 KPCO | | | | | | | |
| | 144 | 145 | 153 | 154 | 155 | 156 | 157 |
| TC4_ESP | 4 | 0 | MTN_18% | 0 | 0 | 0 | 0 |
| | | | 1 | | | | |

----- 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 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|------|

----- YEAR 2028 -----
 ----- 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 THERMAL UNIT | 4 KPCO | 158 | 159 | 160 | 161 | 162 | 166 | 168 |
|--|--------|------|------|------|------|------|------|------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2011 ----- OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 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 ----- | | | | | | | | |

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NewEnergy Associates
 Strategist Page 539

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 158 | 159 | 160 | 161 | 162 | 166 | 168 |
|--------------------------------------|--------|-----|-----|-----|-----|-----|-----|-----|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 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 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| 169 | 170 | 171 | 172 | 173 | 174 | 175 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

| | | | | | | |
|------|------|------|------|------|------|------|
| 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 -----
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 ----- YEAR 2019 -----
 ----- 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 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| 176 | 177 | 178 | 179 | 181 | 182 | 183 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

| | | | | | | |
|------|------|------|------|------|------|------|
| 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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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.

| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 176 | 177 | 178 | 179 | 181 | 182 | 183 |
|--------------------------------------|--------|------|--------------|---------------|---------------|---------------|---------------|---------------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2035 ----- | | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 184 | 185 | 186 | 187 | 188 | 189 | 190 |
| | | 0 | RP1D_03 1 | RP1TR_IM 1 | RP2TR_IM 2 | RP1TR_KP 1 | RP2TR_KP 2 | T4_TRONA 4 |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |
| ----- 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 ----- | | | | | | | | |

2B 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 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|----------|-----|---------|---------|---------|---------|-----|----------|
| | 191 | 193 | 194 | 195 | 196 | 364 | 500 |
| T4_TRCCR | 4 | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 | 0 | DUMMY_OP |
| | | 1 | 2 | 1 | 2 | | 0 |

----- YEAR 2011 -----
 OWNERSHIP RATIO

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 1.00 | 1.00 | 1.00 | 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 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

4 KPCO

| | | | | | | |
|----------|----------|----------|---------|---------|---------|---------|
| 501 | 502 | 503 | 955 | 956 | 957 | 958 |
| DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KPCO | CT_KPCO | CT_KPCO | CT_KPCO |

2B Input Summary.TXT

| | 0 | 0 | 0 | 955 | 956 | 957 | 958 |
|-----------------------|-------|------|------|------|------|------|------|
| ----- YEAR 2011 ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| ----- YEAR 2012 ----- | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| GENERATING COMPANIES THERMAL UNIT | 4 KPCO | 501 DUMMY_IM 0 | 502 DUMMY_AP 0 | 503 DUMMY_KP 0 | 955 CT_KPCO 955 | 956 CT_KPCO 956 | 957 CT_KPCO 957 | 958 CT_KPCO 958 |
|--------------------------------------|--------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 THERMAL UNIT | 4 KPCO | 959 RP2D_KP 959 | 960 RP2D_IM 960 | 961 CSV6_SCR 961 | 962 CSV5_SCR 962 | 963 DUMMY_OP 963 | 964 BS_BFCC 964 | 965 RP1D_KP 965 |
|--------------------------------------|--------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|
| ----- YEAR 2011 ----- | | | | | | | | |
| OWNERSHIP RATIO | RATIO | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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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 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | | |
|---------|-----|----------|----------|----------|----------|----------|----------|
| RP1D_03 | 966 | 967 | 968 | 969 | 970 | 971 | 972 |
| | 966 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP | RP2TR_IM |
| | | 967 | 968 | 969 | 970 | 971 | 972 |

----- 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 -----
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 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

| | | | | | | | |
|-------|------|------|------|------|------|------|------|
| RATIO | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 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.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| 966 | 967 | 968 | 969 | 970 | 971 | 972 |
|-----|-----|-----|-----|-----|-----|-----|

2B Input Summary.TXT
 RP1D_03 966 DUMMY_KP 967 CR2_NGCC 968 CR1_NGCC 969 MR5_NGCC 970 RP2TR_KP 971 RP2TR_IM 972

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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
 THERMAL UNIT

4 KPCO

973 974 975 976 977 978 979
 DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
 973 974 975 976 977 978 979

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

2B Input Summary.TXT

| GENERATING COMPANIES THERMAL UNIT | | 4 KPCO | 980 DUMMY_OP 980 | 981 DUMMY_OP 981 | 982 DUMMY_OP 982 | 983 DUMMY_OP 983 | 984 DUMMY_OP 984 | 985 DUMMY_OP 985 | 986 DUMMY_OP 986 |
|--------------------------------------|-----------|--------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- | YEAR 2011 | ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | | 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 | ----- | | | | | | | |
| ----- | YEAR 2032 | ----- | | | | | | | |
| ----- | YEAR 2033 | ----- | | | | | | | |
| ----- | YEAR 2034 | ----- | | | | | | | |
| ----- | YEAR 2035 | ----- | | | | | | | |
| ----- | YEAR 2036 | ----- | | | | | | | |
| ----- | YEAR 2037 | ----- | | | | | | | |

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.

| GENERATING COMPANIES THERMAL UNIT | | 4 KPCO | 980 DUMMY_OP 980 | 981 DUMMY_OP 981 | 982 DUMMY_OP 982 | 983 DUMMY_OP 983 | 984 DUMMY_OP 984 | 985 DUMMY_OP 985 | 986 DUMMY_OP 986 |
|--------------------------------------|-----------|--------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ----- | YEAR 2038 | ----- | | | | | | | |
| ----- | YEAR 2039 | ----- | | | | | | | |
| ----- | YEAR 2040 | ----- | | | | | | | |
| GENERATING COMPANIES THERMAL UNIT | | 4 KPCO | 987 DUMMY_OP 987 | 988 DUMMY_OP 988 | 989 DUMMY_OP 989 | 990 DUMMY_OP 990 | 991 DUMMY_OP 991 | 992 DUMMY_OP 992 | 993 DUMMY_OP 993 |
| ----- | YEAR 2011 | ----- | | | | | | | |
| OWNERSHIP RATIO | RATIO | | 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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

| | | | | | | |
|--|----------|----------|----------|----------|----------|----------|
| | 994 | 995 | 996 | 997 | 998 | 999 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | T4_TROMA | DUMMY_OP |
| | 994 | 995 | 996 | 997 | 998 | 999 |

----- 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 -----

| | | | | | | |
|-------|------|------|------|------|------|------|
| RATIO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|-------|------|------|------|------|------|------|

----- 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 | ===== SEASON 1 JANUARY ===== | | | | | | | CARD 1+2 |
|---|------------------------------|--------|-----------|------------|------------|------------|---|----------|
| | AMOS 1 | AMOS 2 | AMOS_OP 3 | BECKJORD 4 | BIG SAND 5 | BIG SAND 6 | | |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 1 | 2 | 3 | 6 | 1 | 2 | 1 | |
| ----- YEAR 2012 ----- | 0 | 0 | 0 | 0 | 0 | 0 | 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 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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.

| ===== SEASON 1 JANUARY ===== | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|------------------------------|--------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | CLIFTY | CLINCH R | CLINCH R | CLINCH R | ROCKP_KP | ROCKP_KP | CSVL 1-4 |
| ----- YEAR 2023 ----- | 6 | 1 | 2 | 3 | 1 | 2 | 3 |
| ----- YEAR 2024 ----- | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | |
| ----- 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 |
|------------------------------|----------|----------|----------|----------|----------|-------|-------|
| THERMAL UNIT | CSVL 1-4 | CSVL 5+6 | CSVL 5+6 | D C COOK | D C COOK | GAVIN | GAVIN |
| ----- YEAR 2011 ----- | 4 | 5 | 6 | 1 | 2 | 1 | 2 |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| ----- YEAR 2012 ----- | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2013 ----- | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |

2B 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 1 JANUARY ===== | | 29 | 30 | 33 | 34 | 35 | 36 | 37 |
|------------------------------|----------------------------|----------|----------|--------|--------|--------|---------|---------|
| THERMAL UNIT | | GLEN LYN | GLEN LYN | KAMMER | KAMMER | KAMMER | KANAWHA | KANAWHA |
| | | 5 | 6 | 1 | 2 | 3 | 1 | 2 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

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2B Input Summary.TXT
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 1 JANUARY =====
THERMAL UNIT
                29      30      33      34      35      36      37
                GLEN LYN  GLEN LYN  KAMMER  KAMMER  KAMMER  KANAWHA  KANAWHA
                5        6        1        2        3        1        2
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
  
```

```

===== SEASON 1 JANUARY =====
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 -----
SEASONAL HEAT RATE 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 -----
  
```

```

===== SEASON 1 JANUARY =====
THERMAL UNIT
                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 -----
SEASONAL HEAT RATE PROFILE
                45      0        0        0        0        0        0
----- YEAR 2012 -----
SEASONAL HEAT RATE PROFILE
                0        0        0        0        0        0        0
  
```

2B Input Summary.TXT

| YEAR | HEAT RATE PROFILE | 150 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------|-------------------|-----|---|---|---|---|---|---|
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | | 150 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2015 ----- | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 | 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 ----- | | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | | |

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

| SEASON | 1 | JANUARY | 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 2013 ----- | | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | | |

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 | ===== | | | | | | | |
| THERMAL UNIT | | | | 59 | 61 | 62 | 63 | 64 | 65 | 66 |
| | | | | ROCKP_IM | STUART | STUART | STUART | STUART | AMOS_AP | TANN |
| | | | | 2 | 1 | 2 | 3 | 4 | 3 | 1-3 |
| | | | | | | | | | | 1 |

----- YEAR 2011 -----
 SEASONAL HEAT RATE 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 -----

| ===== SEASON 1 JANUARY ===== | | 67 | 68 | 69 | 70 | 71 | 72 | 73 |
|------------------------------|----------|----------|--------|--------|----------|----------|----------|----------|
| THERMAL UNIT | TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER | ROBTMONE | ROBTMONE | ROBTMONE | ROBTMONE |
| | 2 | 3 | 4 | 1 | 1 | 2 | 3 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 164 | 164 | 164 | |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 1 JANUARY ===== | | 67 | 68 | 69 | 70 | 71 | 72 | 73 |
|------------------------------|----------|----------|--------|--------|----------|----------|----------|----------|
| THERMAL UNIT | TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER | ROBTMONE | ROBTMONE | ROBTMONE | ROBTMONE |
| | 2 | 3 | 4 | 1 | 1 | 2 | 3 | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 |
|------------------------------|--------|--------|--------|--------|--------|--------|-------|----|
| THERMAL UNIT | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 1 | |
| ----- YEAR 2040 ----- | | | | | | | | |

2B 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 HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| ===== SEASON 1 JANUARY ===== | | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
|------------------------------|-------|-------|-------|-------|-------|----------|----------|----|
| THERMAL UNIT | DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN | LWBG WIN | |
| | 2 | 3 | 4 | 5 | 6 | 1 | 2 | |

| YEAR | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====
 THERMAL UNIT
 82 83 84 85 86 87 88
 DARBY DARBY DARBY DARBY DARBY LWBG WIN LWBG WIN
 2 3 4 5 6 1 2
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====
 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
 SEASONAL HEAT RATE 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 -----

2B Input Summary.TXT

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

===== SEASON 1 JANUARY =====
 THERMAL UNIT 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 2011 -----
 SEASONAL HEAT RATE 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 -----
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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 =====
 THERMAL UNIT 104 105 106 107 108 109 110
 PC_UL_IM NUKE_IM CT_KPCCO CC_KPCCO IGCC KP PC_UL_KP NUKE_KP
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 1 JANUARY ===== | | | | | | | |
|------------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| THERMAL UNIT | 104 PC_UL_IM 1 | 105 NUKE_IM 1 | 106 CT_KPCO 1 | 107 CC_KPCO 1 | 108 IGCC KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 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 ----- | | | | | | | |

| ===== SEASON 1 JANUARY ===== | | | | | | | |
|------------------------------|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| THERMAL UNIT | 111 CT_OHIO 1 | 112 CC_OH 1 | 113 IGCC OH 1 | 114 PC_UL_OH 1 | 115 NUKE OH 1 | 116 CC_FA_KP 1 | 118 BS1_Gas 1 |
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE 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 ----- | | | | | | | |

2B 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 1 JANUARY ===== | | 119 | 120 | 121 | 122 | 126 | 127 | 129 |
|------------------------------|----------------------------|---------|---------|---------|---------|----------|----------|----------|
| THERMAL UNIT | | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CRI_NGCC |
| | | 1 | 1 | 23 | 1 | 5 | 6 | 1 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 1 JANUARY ===== | | 119 | 120 | 121 | 122 | 126 | 127 | 129 |
|------------------------------|--|---------|---------|---------|---------|----------|----------|----------|
| THERMAL UNIT | | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CRI_NGCC |
| | | 1 | 1 | 23 | 1 | 5 | 6 | 1 |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |

2B Input Summary.TXT

| YEAR | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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.

| SEASON | 1 | JANUARY | 137 | 144 | 153 | 185 | 186 | 187 | 188 |
|----------------------------|---|---------|----------|----------|----------|---------|----------|----------|----------|
| THERMAL UNIT | | | RP2D_KP | TC4_ESP | MTN_18% | RP1D_03 | RP1TR_IM | RP2TR_IM | RP1TR_KP |
| | | | 2 | 4 | 1 | 1 | 1 | 2 | 1 |
| YEAR 2039 | | | | | | | | | |
| YEAR 2040 | | | | | | | | | |
| SEASON | 1 | JANUARY | 189 | 190 | 191 | 193 | 194 | 195 | 196 |
| THERMAL UNIT | | | RP2TR_KP | T4_TRONA | T4_TRCCR | ML_KP20 | ML_KP20 | ML_KP50 | ML_KP50 |
| | | | 2 | 4 | 4 | 1 | 2 | 1 | 2 |
| YEAR 2011 | | | | | | | | | |
| SEASONAL HEAT RATE 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 | | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 ===== | | 500 | 501 | 502 | 503 | 955 | 956 | 957 |
|------------------------------|----------------------------|----------|----------|----------|----------|---------|---------|---------|
| THERMAL UNIT | | DUMMY_OP | DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KPC0 | CT_KPC0 | CT_KPC0 |
| | | 0 | 0 | 0 | 0 | 955 | 956 | 957 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

| ===== SEASON 1 JANUARY ===== | | | | | | | |
|------------------------------|---------|---------|---------|----------|----------|----------|---------|
| THERMAL UNIT | 958 | 959 | 960 | 961 | 962 | 963 | 964 |
| | CT_KPC0 | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC |
| | 958 | 959 | 960 | 961 | 962 | 963 | 964 |
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 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.

| ===== SEASON 1 JANUARY ===== | | | | | | | |
|------------------------------|---------|---------|---------|----------|----------|----------|---------|
| THERMAL UNIT | 958 | 959 | 960 | 961 | 962 | 963 | 964 |
| | CT_KPC0 | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC |
| | 958 | 959 | 960 | 961 | 962 | 963 | 964 |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | |
| ----- 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 ===== | | | | | | | |
|------------------------------|---------|---------|----------|----------|----------|----------|----------|
| THERMAL UNIT | 965 | 966 | 967 | 968 | 969 | 970 | 971 |
| | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP |
| | 965 | 966 | 967 | 968 | 969 | 970 | 971 |
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

2B 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 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | | | | | | | |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|--|
| ===== SEASON 1 JANUARY ===== | | | | | | | | |
| THERMAL UNIT | 972 | 973 | 974 | 975 | 976 | 977 | 978 | |
| | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | |
| | 972 | 973 | 974 | 975 | 976 | 977 | 978 | |

| | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|--|
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE 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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

| ===== SEASON 1 JANUARY ===== | | | | | | | |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | 972 | 973 | 974 | 975 | 976 | 977 | 978 |
| | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 972 | 973 | 974 | 975 | 976 | 977 | 978 |

----- 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 ===== | | | | | | | |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | 979 | 980 | 981 | 982 | 983 | 984 | 985 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 979 | 980 | 981 | 982 | 983 | 984 | 985 |

| | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE 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 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| THERMAL UNIT | ===== SEASON 1 JANUARY ===== | | | | | | |
|--------------|------------------------------|----------|----------|----------|----------|----------|----------|
| | 986 | 987 | 988 | 989 | 990 | 991 | 992 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 986 | 987 | 988 | 989 | 990 | 991 | 992 |

| | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 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 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
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| ----- YEAR 2028 ----- | | | | | | | |
| ----- 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 ----- | | | | | | | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | ===== SEASON 1 JANUARY ===== | | | | | | |
|--------------|------------------------------|----------|----------|----------|----------|----------|----------|
| | 993 | 994 | 995 | 996 | 997 | 998 | 999 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | T4_TRONA | DUMMY_OP |
| | 993 | 994 | 995 | 996 | 997 | 998 | 999 |

| | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

2B Input Summary.TXT

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2020 -----
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 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | ===== SEASON 2 FEBRUARY ===== | | | | | | |
|--------------|-------------------|-------------------------------|------|---------|----------|----------|----------|----------|
| 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 |
| ----- | YEAR 2011 | ----- | | | | | | |
| SEASONAL | HEAT RATE 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 -----

| | | | | | | | | | | | | | | |
|-------------------------------|----------|---|--------|---|--------|----|--------|----|--------|----|--------|----|--------|----|
| ===== SEASON 2 FEBRUARY ===== | | | | | | | | | | | | | | |
| THERMAL UNIT | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | 14 |
| | CARD 1+2 | 2 | CARD 3 | 3 | CLIFTY | 1 | CLIFTY | 2 | CLIFTY | 3 | CLIFTY | 4 | CLIFTY | 5 |

----- YEAR 2011 -----
 SEASONAL HEAT RATE 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | | | | | | | |
|-------------------------------|----------|---|--------|---|--------|----|--------|----|--------|----|--------|----|--------|----|
| ===== SEASON 2 FEBRUARY ===== | | | | | | | | | | | | | | |
| THERMAL UNIT | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | 14 |
| | CARD 1+2 | 2 | CARD 3 | 3 | CLIFTY | 1 | CLIFTY | 2 | CLIFTY | 3 | CLIFTY | 4 | CLIFTY | 5 |

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

2B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

| | | | | | | | |
|--|--------|----------|----------|----------|----------|----------|----------|
| | 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 2011 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | | | | | | |
|--|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

| | | | | | | | |
|--|----------|----------|----------|----------|----------|-------|-------|
| | 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 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

| | | | | | | | |
|--|---|---|---|---|---|---|----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 0 | 0 | 0 | 0 | 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 2 FEBRUARY ===== | | | | | | | | |
|-------------------------------|----------|----------|----------|----------|----------|-------|-------|--|
| THERMAL UNIT | 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 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| ===== SEASON 2 FEBRUARY ===== | | | | | | | | |
|-------------------------------|----------|----------|--------|--------|--------|---------|---------|--|
| THERMAL UNIT | 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 -----
 SEASONAL HEAT RATE 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 -----

2B 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 -----

===== SEASON 2 FEBRUARY =====
 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 -----
 SEASONAL HEAT RATE 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

| | | | | | | |
|----|----|----|----|----|----|----|
| 45 | 46 | 47 | 48 | 49 | 50 | 51 |
|----|----|----|----|----|----|----|

2B Input Summary.TXT
MOUNT_ER 1 MUSK RVR 1 MUSK RVR 2 MUSK RVR 3 MUSK RVR 4 MUSK RVR 5 P SPORN 1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 45 0 0 0 0 0 0
----- YEAR 2012 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2013 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====
THERMAL UNIT

| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | 51 P SPORN 1 |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| ----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE | 150 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2016 ----- | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | |
| ----- 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 =====
THERMAL UNIT

| | 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 | 57 RPRET_IM 1 | 58 RPRUN_IM 1 |
|---|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | |

2B 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 -----

| | | | | | | | |
|-------------------------------|----------|--------|--------|--------|--------|---------|----------|
| ===== SEASON 2 FEBRUARY ===== | | | | | | | |
| 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 ----- | | | | | | | |
| SEASONAL HEAT RATE 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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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====

2B Input Summary.TXT

| | | | | | | | |
|--------------|----|--------|--------|--------|--------|---------|----------|
| THERMAL UNIT | 59 | 61 | 62 | 63 | 64 | 65 | 66 |
| ROCKP_IM | 2 | STUART | STUART | STUART | STUART | AMOS_AP | TANN 1-3 |
| | | 1 | 2 | 3 | 4 | 3 | 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 -----

| | | | | | | | |
|-------------------------------|----------|----------|--------|--------|----------|----------|----------|
| ===== SEASON 2 FEBRUARY ===== | 67 | 68 | 69 | 70 | 71 | 72 | 73 |
| THERMAL UNIT | TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER | ROBTMONE | ROBTMONE | ROBTMONE |
| | 2 | 3 | 4 | 1 | 1 | 2 | 3 |

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 164 164 164
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

2B Input Summary.TXT

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

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

| ===== SEASON 2 FEBRUARY ===== | | 75 | 76 | 77 | 78 | 79 | 80 | 81 |
|-------------------------------|--|--------|--------|--------|--------|--------|--------|-------|
| THERMAL UNIT | | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 1 |

----- YEAR 2011 -----
SEASONAL HEAT RATE 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 -----

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 2 FEBRUARY ===== | | 75 | 76 | 77 | 78 | 79 | 80 | 81 |
|-------------------------------|--|--------|--------|--------|--------|--------|--------|-------|
| THERMAL UNIT | | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 1 |

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

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

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

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

| ===== SEASON 2 FEBRUARY ===== | | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
|-------------------------------|--|-------|-------|-------|-------|-------|----------|----------|
| THERMAL UNIT | | DARBY | DARBY | DARBY | DARBY | DARBY | LWBG WIN | LWBG WIN |
| | | 2 | 3 | 4 | 5 | 6 | 1 | 2 |

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE

0 0 0 0 0 0 0 0

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

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

2B Input Summary.TXT

----- 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 -----

| | | | | | | | | |
|-------------------------------|----------|----------|---------|-------|---------|-------|---------|--|
| ===== SEASON 2 FEBRUARY ===== | | | | | | | | |
| 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 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

2B 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 2 FEBRUARY =====
 THERMAL UNIT 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 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT 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 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

2B Input Summary.TXT

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

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

| | 104 PC_UL_IM 1 | 105 NUKE_IM 1 | 106 CT_KPCO 1 | 107 CC_KPCO 1 | 108 IGCC KP 1 | 109 PC_UL_KP 1 | 110 NUKE_KP 1 |
|---|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
| ----- YEAR 2011 ----- SEASONAL HEAT RATE 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 ----- | | | | | | | |

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

| | 111 CT_OHIO 1 | 112 CC_OH 1 | 113 IGCC OH 1 | 114 PC_UL_OH 1 | 115 NUKE OH 1 | 116 CC_FA_KP 1 | 118 BS1_Gas 1 |
|---|---------------------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| ----- YEAR 2011 ----- SEASONAL HEAT RATE 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 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 2 FEBRUARY ===== | | | | | | | | | |
|-------------------------------|---------|-------|---------|----------|---------|----------|---------|--|--|
| 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 2028 ----- | | | | | | | | | |
| ----- 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 ===== | | | | | | | | | |
|-------------------------------|---------|---------|---------|---------|----------|----------|----------|--|--|
| THERMAL UNIT | 119 | 120 | 121 | 122 | 126 | 127 | 129 | | |
| | BS_RPWR | BS_BFCC | BS2 FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CRI_NGCC | | |
| | 1 | 1 | 23 | 1 | 5 | 6 | 1 | | |
| SEASONAL HEAT RATE 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 ----- | | | | | | | | | |

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----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
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 ----- YEAR 2040 -----

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|-------------------------------|----------|----------|---------|---------|---------|----------|---------|
| ===== SEASON 2 FEBRUARY ===== | | | | | | | |
| THERMAL UNIT | 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 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | |

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2B Input Summary.TXT
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 2 FEBRUARY =====
THERMAL UNIT          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 2040 -----

```

```

===== SEASON 2 FEBRUARY =====
THERMAL UNIT          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 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0

```

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

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

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

```

SEASONAL HEAT RATE PROFILE          0          0          150          0          0          0          0

```

```

----- YEAR 2015 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0

```

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

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

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

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

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

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

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

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

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

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

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

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

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

----- 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 =====
THERMAL UNIT          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 -----
SEASONAL HEAT RATE 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 -----

| ===== SEASON 2 FEBRUARY ===== | | | | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|---|
| THERMAL UNIT | 500 DUMMY_OP | 501 DUMMY_IM | 502 DUMMY_AP | 503 DUMMY_KP | 955 CT_KPC0 | 956 CT_KPC0 | 957 CT_KPC0 | |
| | 0 | 0 | 0 | 0 | 955 | 956 | 957 | |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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.

| ===== SEASON 2 FEBRUARY ===== | | | | | | | | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|--|
| THERMAL UNIT | 500 DUMMY_OP | 501 DUMMY_IM | 502 DUMMY_AP | 503 DUMMY_KP | 955 CT_KPC0 | 956 CT_KPC0 | 957 CT_KPC0 | |
| | 0 | 0 | 0 | 0 | 955 | 956 | 957 | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |

2B Input Summary.TXT

| ===== SEASON 2 FEBRUARY ===== | | 965 | 966 | 967 | 968 | 969 | 970 | 971 |
|-------------------------------|----------------------------|---------|---------|----------|----------|----------|----------|----------|
| THERMAL UNIT | | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP |
| | | 965 | 966 | 967 | 968 | 969 | 970 | 971 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 2 FEBRUARY ===== | | 965 | 966 | 967 | 968 | 969 | 970 | 971 |
|-------------------------------|--|---------|---------|----------|----------|----------|----------|----------|
| THERMAL UNIT | | RP1D_KP | RP1D_03 | DUMMY_KP | CR2_NGCC | CR1_NGCC | MR5_NGCC | RP2TR_KP |
| | | 965 | 966 | 967 | 968 | 969 | 970 | 971 |
| ----- 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 ===== | | 972 | 973 | 974 | 975 | 976 | 977 | 978 |
|-------------------------------|----------------------------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | | RP2TR_IM | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | 972 | 973 | 974 | 975 | 976 | 977 | 978 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |

2B 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 ===== | | 979 | 980 | 981 | 982 | 983 | 984 | 985 |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 979 | 980 | 981 | 982 | 983 | 984 | 985 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE 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 ----- | | | | | | | | |

2B Input Summary.TXT

----- 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.

| ----- SEASON 2 FEBRUARY ----- | | | | | | | | |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|--|
| THERMAL UNIT | 986 | 987 | 988 | 989 | 990 | 991 | 992 | |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | |
| | 986 | 987 | 988 | 989 | 990 | 991 | 992 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

===== SEASON 2 FEBRUARY =====

| | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | 993 | 994 | 995 | 996 | 997 | 998 | 999 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | T4_TRONA | DUMMY_OP |
| | 993 | 994 | 995 | 996 | 997 | 998 | 999 |

| | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE 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 -----

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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 3 MARCH =====

| | | | | | | | |
|--------------|------|------|---------|----------|----------|----------|----------|
| 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 |

| | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | | | | | | | |
| SEASONAL HEAT RATE 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 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | SEASON 3 MARCH | | | | | | |
|-----------------------|----------------|------|---------|----------|----------|----------|----------|
| | 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 ----- | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | |
| ----- YEAR 2034 ----- | | | | | | | |
| ----- YEAR 2035 ----- | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | |

| THERMAL UNIT | SEASON 3 MARCH | | | | | | |
|----------------------------|----------------|--------|--------|--------|--------|--------|--------|
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | CARD 1+2 | CARD 3 | CLIFTY | CLIFTY | CLIFTY | CLIFTY | CLIFTY |
| | 2 | 3 | 1 | 2 | 3 | 4 | 5 |
| SEASONAL HEAT RATE 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 -----

| THERMAL UNIT | SEASON 3 MARCH | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| | 15 CLIFTY | 16 CLINCH R | 17 CLINCH R | 18 CLINCH R | 19 ROCKP_KP | 20 ROCKP_KP | 21 CSVL 1-4 | |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 6 | 1 | 2 | 3 | 1 | 2 | 3 | |
| ----- YEAR 2012 ----- | 0 | 0 | 0 | 0 | 0 | 0 | 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 ----- | | | | | | | | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | SEASON 3 MARCH | | | | | | | |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| | 15 CLIFTY | 16 CLINCH R | 17 CLINCH R | 18 CLINCH R | 19 ROCKP_KP | 20 ROCKP_KP | 21 CSVL 1-4 | |
| ----- YEAR 2035 ----- | 6 | 1 | 2 | 3 | 1 | 2 | 3 | |
| ----- YEAR 2036 ----- | | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 | ===== SEASON 3 MARCH ===== | | | | | | | |
|---|----------------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|--|
| | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 | 43 MITCHELL 1 | 44 MITCHELL 2 | |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | ===== SEASON 3 MARCH ===== | | | | | | | |
|-----------------------|----------------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|--|
| | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 | 43 MITCHELL 1 | 44 MITCHELL 2 | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |

2B 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 | SEASON 3 | MARCH | | | | | P SPORN |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------|
| | 45 MOUNT_ER 1 | 46 MUSK RVR 1 | 47 MUSK RVR 2 | 48 MUSK RVR 3 | 49 MUSK RVR 4 | 50 MUSK RVR 5 | |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 45 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2013 ----- | | | | | | | |
| ----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE | 150 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2016 ----- | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | |
| ----- 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 | SEASON 3 | MARCH | | | | | RPRUN_IM |
|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|----------|
| | 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 | 57 RPRET_IM 1 | |
| | | | | | | | |

2B Input Summary.TXT

| YEAR | HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------|-------------------|---|---|---|---|---|---|---|
| 2011 | | | | | | | | |
| 2012 | | | | | | | | |
| 2013 | | | | | | | | |
| 2014 | | | | | | | | |
| 2015 | | | | | | | | |
| 2016 | | | | | | | | |
| 2017 | | | | | | | | |
| 2018 | | | | | | | | |
| 2019 | | | | | | | | |
| 2020 | | | | | | | | |
| 2021 | | | | | | | | |
| 2022 | | | | | | | | |
| 2023 | | | | | | | | |
| 2024 | | | | | | | | |

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

| THERMAL UNIT | 59 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66 | |
|--------------|----------|---|--------|---|--------|---|--------|---|--------|---|---------|---|------|-----|
| | ROCKP_IM | | STUART | | STUART | | STUART | | STUART | | AMOS_AP | | TANN | 1-3 |
| | | 2 | | 1 | | 2 | | 3 | | 4 | | 3 | | 1 |
| 2011 | | | | | | | | | | | | | | |
| 2012 | | | | | | | | | | | | | | |
| 2013 | | | | | | | | | | | | | | |
| 2014 | | | | | | | | | | | | | | |
| 2015 | | | | | | | | | | | | | | |
| 2016 | | | | | | | | | | | | | | |
| 2017 | | | | | | | | | | | | | | |
| 2018 | | | | | | | | | | | | | | |

2B 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 3 | | | | MARCH ===== | | | | | | |
|----------------|-------------------|-------|---|-------------|----------|--------|--------|----------|----------|----------|
| THERMAL UNIT | | | | 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 2011 | ----- | | | | | | | | |
| SEASONAL | HEAT RATE PROFILE | | 0 | 0 | 0 | 0 | 164 | 164 | 164 | |
| ----- | YEAR 2012 | ----- | | | | | | | | |
| ----- | YEAR 2013 | ----- | | | | | | | | |
| ----- | YEAR 2014 | ----- | | | | | | | | |
| ----- | YEAR 2015 | ----- | | | | | | | | |
| ----- | YEAR 2016 | ----- | | | | | | | | |
| ----- | YEAR 2017 | ----- | | | | | | | | |
| ----- | YEAR 2018 | ----- | | | | | | | | |
| ----- | YEAR 2019 | ----- | | | | | | | | |
| ----- | YEAR 2020 | ----- | | | | | | | | |
| ----- | YEAR 2021 | ----- | | | | | | | | |
| ----- | YEAR 2022 | ----- | | | | | | | | |
| ----- | YEAR 2023 | ----- | | | | | | | | |
| ----- | YEAR 2024 | ----- | | | | | | | | |
| ----- | 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.

| SEASON 3 | MARCH | 67 | 68 | 69 | 70 | 71 | 72 | 73 |
|--------------|-------|----------|----------|--------|--------|----------|----------|----------|
| THERMAL UNIT | | TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER | ROBTMONE | ROBTMONE | ROBTMONE |
| | | 2 | 3 | 4 | 1 | 1 | 2 | 3 |

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

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

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

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

| SEASON 3 | MARCH | 75 | 76 | 77 | 78 | 79 | 80 | 81 |
|--------------|-------|--------|--------|--------|--------|--------|--------|-------|
| THERMAL UNIT | | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | CEREDO | DARBY |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 1 |

| | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|
| SEASONAL HEAT RATE 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 -----

| SEASON 3 | MARCH | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
|--------------|-------|----|----|----|----|----|----|----|
| THERMAL UNIT | | | | | | | | |

2B Input Summary.TXT

| | DARBY | 2 | DARBY | 3 | DARBY | 4 | DARBY | 5 | DARBY | 6 | LWBG WIN | 1 | LWBG WIN | 2 |
|--|-------|---|-------|---|-------|---|-------|---|-------|---|----------|---|----------|---|
|--|-------|---|-------|---|-------|---|-------|---|-------|---|----------|---|----------|---|

| | | | | | | | | | | | | | | |
|----------------------------|--|---|--|---|--|---|--|---|--|---|--|---|--|---|
| ----- YEAR 2011 ----- | | | | | | | | | | | | | | |
| SEASONAL HEAT RATE 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 ----- | | | | | | | | | | | | | | |

| | SEASON | 3 | MARCH | ----- | | | | | | | | | | |
|--------------|--------|---|-------|-------|----------|----------|---------|-------|---------|-------|---------|--|--|--|
| 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 ----- | | | | | | | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| ----- 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.

| | SEASON | 3 | MARCH | ----- | | | | | | | | | | |
|--------------|--------|---|-------|-------|----------|----------|---------|-------|---------|-------|---------|--|--|--|
| 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 2016 ----- | | | | | | | | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

2B 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 -----

| | | ===== SEASON 3 MARCH ===== | | | | | | |
|--------------|-------------------|----------------------------|---------|----------|---------|--------|--------|---------|
| THERMAL UNIT | | 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 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SEASONAL | HEAT RATE 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 | | | | | | | |

2B Input Summary.TXT

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

| | | | | | | | | |
|----------------|-------------|----------|---------|---------|---------|---------|----------|---------|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| 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 2011 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|----------------|-------------|----------|---------|---------|---------|---------|----------|---------|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| 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 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

2B Input Summary.TXT

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

| | | | | | | | | |
|----------------|-------------|-------|---------|----------|---------|----------|---------|--|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| 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 ----- | SEASONAL HEAT RATE 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 -----

| | | | | | | | | |
|----------------|-------------|---------|---------|---------|----------|----------|----------|--|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| THERMAL UNIT | 119 | 120 | 121 | 122 | 126 | 127 | 129 | |
| | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CRI_NGCC | |
| | 1 | 1 | 23 | 1 | 5 | 6 | 1 | |

| | | | | | | | | |
|-----------------------|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| SEASON | MARCH | 119 | 120 | 121 | 122 | 126 | 127 | 129 |
|----------------------------|-------|----------|----------|---------|---------|----------|----------|----------|
| SEASON 3 | MARCH | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CR1_NGCC |
| | | 1 | 1 | 23 | 1 | 5 | 6 | 1 |
| ----- YEAR 2040 ----- | | | | | | | | |
| SEASON | MARCH | 130 | 131 | 132 | 133 | 134 | 135 | 136 |
| SEASON 3 | MARCH | CR2_NGCC | MR5_NGCC | MR5_FGD | RP1D_IM | RP2D_IM | TAN4_FGD | RP1D_KP |
| | | 2 | 5 | 5 | 1 | 2 | 4 | 1 |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

| ----- SEASON 3 MARCH ----- | | | 137 | 144 | 153 | 185 | 186 | 187 | 188 |
|----------------------------|----------------------------|--|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| THERMAL UNIT | | | RP2D_KP 2 | TC4_ESP 4 | MTN_18% 1 | RP1D_03 1 | RP1TR_IM 1 | RP2TR_IM 2 | RP1TR_KP 1 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | | |
| ----- YEAR 2014 ----- | SEASONAL HEAT RATE PROFILE | | 0 | 0 | 150 | 0 | 0 | 0 | 0 |
| ----- YEAR 2015 ----- | SEASONAL HEAT RATE PROFILE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2016 ----- | | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | | |
| ----- 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 ----- | | | 189 | 190 | 191 | 193 | 194 | 195 | 196 |
|----------------------------|----------------------------|--|---------------|---------------|---------------|--------------|--------------|--------------|--------------|
| THERMAL UNIT | | | RP2TR_KP 2 | T4_TRONA 4 | T4_TRCCR 4 | ML_KP20 1 | ML_KP20 2 | ML_KP50 1 | ML_KP50 2 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | | |

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

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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 | ===== SEASON 3 MARCH ===== | | | | | | |
|-----------------------|----------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| | 189 RP2TR_KP 2 | 190 T4_TRONA 4 | 191 T4_TRCCR 4 | 193 ML_KP20 1 | 194 ML_KP20 2 | 195 ML_KP50 1 | 196 ML_KP50 2 |
| ----- YEAR 2018 ----- | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | |
| ----- 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 | ===== SEASON 3 MARCH ===== | | | | | | |
|----------------------------|----------------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| | 500 DUMMY_OF 0 | 501 DUMMY_IN 0 | 502 DUMMY_AP 0 | 503 DUMMY_KP 0 | 955 CT_KPC0 955 | 956 CT_KPC0 956 | 957 CT_KPC0 957 |
| SEASONAL HEAT RATE 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 -----

| | | | | | | | | |
|----------------|-------------|---------|---------|----------|----------|----------|---------|--|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| THERMAL UNIT | 958 | 959 | 960 | 961 | 962 | 963 | 964 | |
| | CT_KPC0 | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC | |
| | 958 | 959 | 960 | 961 | 962 | 963 | 964 | |

----- YEAR 2011 -----
 SEASONAL HEAT RATE 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 -----

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===== SEASON 3 MARCH =====
 THERMAL UNIT
 958 959 960 961 962 963 964
 CT_KPC0 RP2D_KP RP2D_IM CSV6_SCR CSV5_SCR DUMMY_OP BS_BFCC
 958 959 960 961 962 963 964

----- 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 =====
 THERMAL UNIT
 965 966 967 968 969 970 971
 RP1D_KP RP1D_O3 DUMMY_KP CR2_NGCC CR1_NGCC MR5_NGCC RP2TR_KP
 965 966 967 968 969 970 971

----- YEAR 2011 -----
 SEASONAL HEAT RATE 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 -----

===== SEASON 3 MARCH =====
 THERMAL UNIT
 972 973 974 975 976 977 978
 RP2TR_IM DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
 972 973 974 975 976 977 978

2B Input Summary.TXT

| YEAR | HEAT RATE | 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 ----- | | | | | | | | | |

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| SEASON | 3 | MARCH | 979 | 980 | 981 | 982 | 983 | 984 | 985 |
|----------------------------|---|-------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | | | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | | | 979 | 980 | 981 | 982 | 983 | 984 | 985 |
| | | | 979 | 980 | 981 | 982 | 983 | 984 | 985 |
| ----- YEAR 2011 ----- | | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | | |

2B 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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | | | | | | | |
|----------------|-------------|----------|----------|----------|----------|----------|----------|----------|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| THERMAL UNIT | | 986 | 987 | 988 | 989 | 990 | 991 | 992 |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 986 | 987 | 988 | 989 | 990 | 991 | 992 | |

| | | | | | | | | |
|-----------------------|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE 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 -----

| | | | | | | | | |
|----------------|-------------|----------|----------|----------|----------|----------|----------|--|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| THERMAL UNIT | 993 | 994 | 995 | 996 | 997 | 998 | 999 | |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | T4_TRONA | DUMMY_OP | |
| | 993 | 994 | 995 | 996 | 997 | 998 | 999 | |

----- YEAR 2011 -----
 SEASONAL HEAT RATE 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|----------------|-------------|----------|----------|----------|----------|----------|----------|--|
| ===== SEASON 3 | MARCH ===== | | | | | | | |
| THERMAL UNIT | 993 | 994 | 995 | 996 | 997 | 998 | 999 | |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | T4_TRONA | DUMMY_OP | |
| | 993 | 994 | 995 | 996 | 997 | 998 | 999 | |

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

| | | | | | | | | |
|----------------|-------------|------|---------|----------|----------|----------|----------|--|
| ===== SEASON 4 | APRIL ===== | | | | | | | |
| 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 | |

2B Input Summary.TXT

```

----- YEAR 2011 -----
SEASONAL HEAT RATE 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 2027 -----
----- YEAR 2028 -----
----- 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 =====
THERMAL UNIT          8
CARD 1+2          2
CARD 3            3
CLIFTY 10         1
CLIFTY 11         2
CLIFTY 12         3
CLIFTY 13         4
CLIFTY 14         5

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|----------------|-------------|---|--------|--------|--------|--------|--------|--------|
| ===== SEASON 4 | APRIL ===== | | | | | | | |
| THERMAL UNIT | | 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 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| | | | | | | | | |
|----------------|-------------|----|----------|----------|----------|----------|----------|----------|
| ===== SEASON 4 | APRIL ===== | | | | | | | |
| THERMAL UNIT | | 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 |

| | | | | | | | | |
|----------------------------|--|---|---|---|---|---|---|---|
| SEASONAL HEAT RATE 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 ----- | | | | | | | | |

2B Input Summary.TXT

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

===== SEASON 4 APRIL =====
 THERMAL UNIT 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 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 28
 ----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- 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 -----

===== SEASON 4 APRIL =====
 THERMAL UNIT 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 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | ===== SEASON 4 APRIL ===== | | | | | | | |
|-----------------------|----------------------------|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--|
| | 29 GLEN LYN 5 | 30 GLEN LYN 6 | 33 KAMMER 1 | 34 KAMMER 2 | 35 KAMMER 3 | 36 KANAWHA 1 | 37 KANAWHA 2 | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- 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 | ===== SEASON 4 APRIL ===== | | | | | | | |
|----------------------------|----------------------------|------------------|------------------|------------------|------------------|---------------------|---------------------|---|
| | 38 KYGER 1 | 39 KYGER 2 | 40 KYGER 3 | 41 KYGER 4 | 42 KYGER 5 | 43 MITCHELL 1 | 44 MITCHELL 2 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE 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 -----

| ===== SEASON 4 APRIL ===== | | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
|---|----------|----------|----------|----------|----------|----------|----------|---------|
| THERMAL UNIT | MOUNT_ER | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | P SPORN |
| | 1 | 1 | 2 | 3 | 4 | 5 | | 1 |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- 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.

| ===== SEASON 4 APRIL ===== | | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|---------|
| THERMAL UNIT | MOUNT_ER | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | MUSK RVR | P SPORN |
| | 1 | 1 | 2 | 3 | 4 | 5 | | 1 |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |

2B 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 | SEASON 4 | APRIL | | | | | | |
|---|----------|--------------------|--------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
| | | 52 P SPORN 2 | 53 P SPORN 3 | 54 P SPORN 4 | 55 P SPORN 5 | 56 PICWAY 5 | 57 RPRET_IM 1 | 58 RPRUN_IM 1 |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE 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 -----

| THERMAL UNIT | SEASON 4 | APRIL | | | | | | |
|---|----------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|
| | | 59 ROCKP_IM 2 | 61 STUART 1 | 62 STUART 2 | 63 STUART 3 | 64 STUART 4 | 65 AMOS_AP 3 | 66 TANN 1-3 1 |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE 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 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

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| SEASON | APRIL | 59 | 61 | 62 | 63 | 64 | 65 | 66 |
|-----------------------|----------------------------|----------|----------|--------|--------|----------|----------|----------|
| THERMAL UNIT | | ROCKP_IM | STUART | STUART | STUART | STUART | AMOS_AP | TANN 1-3 |
| | | 2 | 1 | 2 | 3 | 4 | 3 | 1 |
| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| SEASON | APRIL | 67 | 68 | 69 | 70 | 71 | 72 | 73 |
| THERMAL UNIT | | TANN 1-3 | TANN 1-3 | TANN 4 | ZIMMER | ROBTMONE | ROBTMONE | ROBTMONE |
| | | 2 | 3 | 4 | 1 | 1 | 2 | 3 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 162 | 162 | 162 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 | ===== SEASON 4 APRIL ===== | | | | | | |
|---|----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| | 75 CEREDO 1 | 76 CEREDO 2 | 77 CEREDO 3 | 78 CEREDO 4 | 79 CEREDO 5 | 80 CEREDO 6 | 81 DARBY 1 |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE 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 ----- | | | | | | | |

2B Input Summary.TXT

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

| THERMAL UNIT | SEASON 4 APRIL | | | | | | | |
|---|----------------|---------------|---------------|---------------|---------------|------------------|------------------|--|
| | 82 DARBY 2 | 83 DARBY 3 | 84 DARBY 4 | 85 DARBY 5 | 86 DARBY 6 | 87 LWBG WIN 1 | 88 LWBG WIN 2 | |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | SEASON 4 APRIL | | | | | | | |
|-----------------------|----------------|---------------|---------------|---------------|---------------|------------------|------------------|--|
| | 82 DARBY 2 | 83 DARBY 3 | 84 DARBY 4 | 85 DARBY 5 | 86 DARBY 6 | 87 LWBG WIN 1 | 88 LWBG WIN 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 ----- | | | | | | | | |

| THERMAL UNIT | SEASON 4 APRIL | | | | | | |
|---|------------------|------------------|-----------------|---------------|-----------------|----------------|-----------------|
| | 89 LWBG SMR 1 | 90 LWBG SMR 2 | 91 WATR CC 1 | 92 WATR2 1 | 93 DRESDEN 1 | 94 DRESD2 1 | 96 CT_APC0 1 |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

2B 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 -----
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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 4 | | APRIL ===== | | | | | | |
|----------------|----------------------------|-------------|---------|----------|---------|--------|--------|---------|
| THERMAL UNIT | | 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 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- | SEASONAL HEAT RATE 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 | | | | | | | |

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 4 | | APRIL ===== | | | | | | |
|-----------------------|---------|-------------|----------|---------|--------|--------|---------|--|
| THERMAL UNIT | 97 | 98 | 99 | 100 | 101 | 102 | 103 | |
| | CC_APCO | IGCC AP | PC_UL_AP | Nuke_AP | CT_I&M | CC_I&M | IGCC IM | |
| ----- YEAR 2028 ----- | 1 | 1 | 1 | 1 | 1 | 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 ----- | | | | | | | | |

| ===== SEASON 4 | | APRIL ===== | | | | | | |
|----------------------------|----------|-------------|---------|---------|---------|----------|---------|--|
| 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 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE 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 -----

| ===== SEASON 4 APRIL ===== | | 111 | 112 | 113 | 114 | 115 | 116 | 118 |
|----------------------------|----------------------------|---------|-------|---------|----------|---------|----------|---------|
| THERMAL UNIT | | 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 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
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| ----- 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 ----- | | | | | | | | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 4 APRIL ===== | | 111 | 112 | 113 | 114 | 115 | 116 | 118 |
|----------------------------|--|---------|---------|---------|----------|----------|----------|----------|
| THERMAL UNIT | | CT_OHIO | CC_OH | IGCC OH | PC_UL_OH | NUKE OH | CC_FA_KP | BS1_Gas |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ----- YEAR 2040 ----- | | | | | | | | |
| ===== SEASON 4 APRIL ===== | | 119 | 120 | 121 | 122 | 126 | 127 | 129 |
| THERMAL UNIT | | BS_RPWR | BS_BFCC | BS2_FGD | BS_BF50 | CSV5_SCR | CSV6_SCR | CR1_NGCC |
| | | 1 | 1 | 23 | 1 | 5 | 6 | 1 |

2B Input Summary.TXT

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----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

----- SEASON 4 APRIL -----
THERMAL UNIT
          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 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2026 -----
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 ----- YEAR 2040 -----

| | | | | | | | | |
|----------------|-------------|-----|-----------|-----------|-----------|------------|------------|------------|
| ===== SEASON 4 | APRIL ===== | | | | | | | |
| THERMAL UNIT | | 137 | 144 | 153 | 185 | 186 | 187 | 188 |
| | RP2D_KP | 2 | TC4_ESP 4 | MTN_18% 1 | RP1D_03 1 | RP1TR_IM 1 | RP2TR_IM 2 | RP1TR_KP 1 |

| | | | | | | | | |
|-----------------------|----------------------------|---|---|-----|---|---|---|---|
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 150 | 0 | 0 | 0 | 0 |
| ----- YEAR 2015 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |

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| | | | | | | | | |
|----------------|-------------|-----|-----------|-----------|-----------|------------|------------|------------|
| ===== SEASON 4 | APRIL ===== | | | | | | | |
| THERMAL UNIT | | 137 | 144 | 153 | 185 | 186 | 187 | 188 |
| | RP2D_KP | 2 | TC4_ESP 4 | MTN_18% 1 | RP1D_03 1 | RP1TR_IM 1 | RP2TR_IM 2 | RP1TR_KP 1 |

----- 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 -----

2B Input Summary.TXT

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

===== SEASON 4 APRIL =====
 THERMAL UNIT
 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 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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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 -----

===== SEASON 4 APRIL =====
 THERMAL UNIT
 500 501 502 503 955 956 957
 DUMMY_OP DUMMY_IM DUMMY_AP DUMMY_KP CT_KP50 CT_KP50 CT_KP50
 0 0 0 0 955 956 957

----- YEAR 2011 -----
 SEASONAL HEAT RATE 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 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
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 ----- YEAR 2029 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|----------------|-------------|----------|----------|----------|---------|---------|---------|--|
| ===== SEASON 4 | APRIL ===== | | | | | | | |
| THERMAL UNIT | 500 | 501 | 502 | 503 | 955 | 956 | 957 | |
| | DUMMY_OP | DUMMY_IM | DUMMY_AP | DUMMY_KP | CT_KPC0 | CT_KPC0 | CT_KPC0 | |
| | 0 | 0 | 0 | 0 | 955 | 956 | 957 | |

----- 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 4 | APRIL ===== | | | | | | | |
| THERMAL UNIT | 958 | 959 | 960 | 961 | 962 | 963 | 964 | |
| | CT_KPC0 | RP2D_KP | RP2D_IM | CSV6_SCR | CSV5_SCR | DUMMY_OP | BS_BFCC | |
| | 958 | 959 | 960 | 961 | 962 | 963 | 964 | |

| | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|--|
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|----------------------------|---|---|---|---|---|---|---|--|

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

2B Input Summary.TXT

----- YEAR 2023 -----
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 ----- YEAR 2040 -----

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|----------------|-------------|-----|---------|----------|----------|----------|----------|----------|
| ===== SEASON 4 | APRIL ===== | | | | | | | |
| THERMAL UNIT | | 965 | 966 | 967 | 968 | 969 | 970 | 971 |
| | RP1D_KP | 965 | RP1D_03 | DUMMY_KP | CR2_MGCC | CR1_MGCC | MR5_MGCC | RP2TR_KP |
| | | 965 | 966 | 967 | 968 | 969 | 970 | 971 |

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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----- YEAR 2039 -----
 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 4 APRIL ===== | | | | | | | | |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|--|
| THERMAL UNIT | 972 | 973 | 974 | 975 | 976 | 977 | 978 | |
| | RP2TR_IN | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | |
| | 972 | 973 | 974 | 975 | 976 | 977 | 978 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
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| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
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| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
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| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |
| ===== SEASON 4 APRIL ===== | | | | | | | | |
| THERMAL UNIT | 979 | 980 | 981 | 982 | 983 | 984 | 985 | |
| | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | |
| | 979 | 980 | 981 | 982 | 983 | 984 | 985 | |
| ----- YEAR 2011 ----- | | | | | | | | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |

----- YEAR 2015 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| ===== SEASON 4 APRIL ===== | | 986 | 987 | 988 | 989 | 990 | 991 | 992 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 986 | 987 | 988 | 989 | 990 | 991 | 992 | |
| ----- YEAR 2011 ----- | 986 | 987 | 988 | 989 | 990 | 991 | 992 | |
| SEASONAL HEAT RATE PROFILE | 0 | 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 4 APRIL ===== | | 986 | 987 | 988 | 989 | 990 | 991 | 992 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| THERMAL UNIT | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP | DUMMY_OP |
| | 986 | 987 | 988 | 989 | 990 | 991 | 992 | |
| | 986 | 987 | 988 | 989 | 990 | 991 | 992 | |

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----- YEAR 2023 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| THERMAL UNIT | ===== SEASON 4 APRIL ===== | | | | | | |
|---|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 993 DUMMY_OP 993 | 994 DUMMY_OP 994 | 995 DUMMY_OP 995 | 996 DUMMY_OP 996 | 997 DUMMY_OP 997 | 998 T4_TFONA 998 | 999 DUMMY_OP 999 |
| ----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | |
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| ----- YEAR 2030 ----- | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | |
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| ----- YEAR 2035 ----- | | | | | | | |
| ----- YEAR 2036 ----- | | | | | | | |
| ----- YEAR 2037 ----- | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | |

2B Input Summary.TXT

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

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

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|----------------|-----------|--------|-----------|------------|------------|------------|------------|--|
| ===== SEASON 5 | MAY ===== | | | | | | | |
| THERMAL UNIT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | AMOS 1 | AMOS 2 | AMOS_OP 3 | BECKJORD 4 | BIG SAND 5 | BIG SAND 6 | CARD 1+2 7 | |
| | 1 | 2 | 3 | 6 | 1 | 2 | 1 | |

| | | | | | | | | |
|-----------------------|----------------------------|---|---|---|---|---|---|---|
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------|----------------------------|---|---|---|---|---|---|---|

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

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

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

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

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

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

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

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

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

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

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | |
|----------------|-----------|--------|-----------|------------|------------|------------|------------|--|
| ===== SEASON 5 | MAY ===== | | | | | | | |
| THERMAL UNIT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | AMOS 1 | AMOS 2 | AMOS_OP 3 | BECKJORD 4 | BIG SAND 5 | BIG SAND 6 | CARD 1+2 7 | |
| | 1 | 2 | 3 | 6 | 1 | 2 | 1 | |

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

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

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

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

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

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

| | | | | | | | | |
|----------------|------------|----------|-----------|-----------|-----------|-----------|-----------|--|
| ===== SEASON 5 | MAY ===== | | | | | | | |
| THERMAL UNIT | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| | 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 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------|----------------------------|---|---|---|---|---|---|---|

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

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

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----- YEAR 2014 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5

MAY =====

THERMAL UNIT

| | | | | | | | |
|--|--------|----------|----------|----------|----------|----------|----------|
| | 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 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0
 ----- YEAR 2012 -----
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2B Input Summary.TXT

----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2040 -----

| ===== SEASON 5 | | MAY ===== | | | | | | |
|---|----------|-----------|----------|----------|----------|-------|-------|--|
| THERMAL UNIT | 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 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 28 | |
| ----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ----- YEAR 2013 ----- | | | | | | | | |

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 5 | | MAY ===== | | | | | | |
|-----------------------|----------|-----------|----------|----------|----------|-------|-------|--|
| THERMAL UNIT | 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 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
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| ----- YEAR 2036 ----- | | | | | | | | |

----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| | | | | | | | | | |
|----------------|-----------|-------|-------|-------|-------|----------|----------|--|--|
| ===== SEASON 5 | MAY ===== | | | | | | | | |
| THERMAL UNIT | 38 | 39 | 40 | 41 | 42 | 43 | 44 | | |
| | KYGER | KYGER | KYGER | KYGER | KYGER | MITCHELL | MITCHELL | | |
| | 1 | 2 | 3 | 4 | 5 | 1 | 2 | | |

----- YEAR 2026 -----
 ----- YEAR 2027 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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|----------------|-----------|----------|----------|----------|----------|----------|---------|--|
| ===== SEASON 5 | MAY ===== | | | | | | | |
| THERMAL UNIT | 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 ----- | SEASONAL HEAT RATE PROFILE | 45 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | SEASONAL HEAT RATE PROFILE | 150 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2015 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
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|----------------|-----------|---------|---------|---------|--------|----------|----------|----|
| ===== SEASON 5 | MAY ===== | | | | | | | |
| 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 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

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 VALUE CHANGED FROM PREVIOUS YEAR.
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```

===== SEASON 5
THERMAL UNIT
MAY =====
          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 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 5
THERMAL UNIT
MAY =====
          59          61          62          63          64          65          66
          ROCKP_IM  STUART    STUART    STUART    STUART    AMOS_AP   TANN 1-3
          2          1          2          3          4          3          1
----- YEAR 2011 -----
SEASONAL HEAT RATE 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 -----

```

```

===== SEASON 5
THERMAL UNIT
MAY =====
          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 2011 -----
SEASONAL HEAT RATE PROFILE
          0          0          0          0          162          162          162
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----

```

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 | MAY ----- | | | | | | | DARBY |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----|-------|
| | 75 CEREDO | 76 CEREDO | 77 CEREDO | 78 CEREDO | 79 CEREDO | 80 CEREDO | 81 | |
| ----- YEAR 2011 ----- | 1 | 2 | 3 | 4 | 5 | 6 | 1 | |
| SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| THERMAL UNIT | MAY ----- | | | | | | | DARBY |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----|-------|
| | 75 CEREDO | 76 CEREDO | 77 CEREDO | 78 CEREDO | 79 CEREDO | 80 CEREDO | 81 | |
| ----- YEAR 2016 ----- | 1 | 2 | 3 | 4 | 5 | 6 | 1 | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
| ----- YEAR 2019 ----- | | | | | | | | |
| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |

2B 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 5 | | | MAY ----- | | | | | | | |
|-----------------------|----------------------------|--|-----------|-------|-------|-------|-------|----------|----------|--|
| THERMAL UNIT | | | 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 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | | | |

2B Input Summary.TXT

| ===== SEASON 5 | | MAY ===== | | | | | | |
|-----------------------|----------------------------|---------------------|---------------------|--------------------|------------------|--------------------|------------------|--------------------|
| THERMAL UNIT | | 89 LWBG SMR 1 | 90 LWBG SMR 2 | 91 WATR CC 1 | 92 WATR2 1 | 93 DRESDEN 1 | 94 DRES2 1 | 96 CT_APCO 1 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE 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 ----- | | | | | | | | |

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INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

| ===== SEASON 5 | | MAY ===== | | | | | | |
|-----------------------|--|---------------------|---------------------|--------------------|------------------|--------------------|------------------|--------------------|
| THERMAL UNIT | | 89 LWBG SMR 1 | 90 LWBG SMR 2 | 91 WATR CC 1 | 92 WATR2 1 | 93 DRESDEN 1 | 94 DRES2 1 | 96 CT_APCO 1 |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |
| ----- YEAR 2031 ----- | | | | | | | | |
| ----- YEAR 2032 ----- | | | | | | | | |
| ----- YEAR 2033 ----- | | | | | | | | |
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| ----- YEAR 2037 ----- | | | | | | | | |
| ----- YEAR 2038 ----- | | | | | | | | |
| ----- YEAR 2039 ----- | | | | | | | | |
| ----- YEAR 2040 ----- | | | | | | | | |

| ===== SEASON 5 | | MAY ===== | | | | | | |
|-----------------------|----------------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|
| THERMAL UNIT | | 97 CC_APCO 1 | 98 IGCC AP 1 | 99 PC_UL_AP 1 | 100 Nuke_AP 1 | 101 CT_I&M 1 | 102 CC_I&M 1 | 103 IGCC IM 1 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2012 ----- | | | | | | | | |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |

2B Input Summary.TXT

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

| ===== SEASON 5 | | MAY ===== | | | | | | |
|-----------------------|----------------------------|-----------|---------|---------|---------|---------|----------|---------|
| 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 |
| ----- YEAR 2011 ----- | SEASONAL HEAT RATE PROFILE | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ----- YEAR 2012 ----- | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ----- YEAR 2013 ----- | | | | | | | | |
| ----- YEAR 2014 ----- | | | | | | | | |
| ----- YEAR 2015 ----- | | | | | | | | |
| ----- YEAR 2016 ----- | | | | | | | | |
| ----- YEAR 2017 ----- | | | | | | | | |
| ----- YEAR 2018 ----- | | | | | | | | |
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| ----- YEAR 2020 ----- | | | | | | | | |
| ----- YEAR 2021 ----- | | | | | | | | |
| ----- YEAR 2022 ----- | | | | | | | | |
| ----- YEAR 2023 ----- | | | | | | | | |
| ----- YEAR 2024 ----- | | | | | | | | |
| ----- YEAR 2025 ----- | | | | | | | | |
| ----- YEAR 2026 ----- | | | | | | | | |
| ----- YEAR 2027 ----- | | | | | | | | |
| ----- YEAR 2028 ----- | | | | | | | | |
| ----- YEAR 2029 ----- | | | | | | | | |
| ----- YEAR 2030 ----- | | | | | | | | |

