

6 Input Summary.txt

----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52

EFFLUENT
THERMAL UNIT

1 SO2 (E)

189	190	191	193	194	195	196
RP2TR_KP 2	T4_TRONA 4	T4_TRCCR 4	ML_KP20 1	ML_KP20 2	ML_KP50 1	ML_KP50 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 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0

EFFLUENT
THERMAL UNIT

1 SO2 (E)

201	500	501	502	503	957	958
DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	BS_BF50 957	RP2D_KP 958	

6 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								
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2022								
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2025								
2026								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP	
		0	0	0	0	0	957	958
YEAR 2027								
YEAR 2028								
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)	959	960	961	962	963	964	965
		RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC
		959	960	961	962	963	964	965
YEAR 2011								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								

----- YEAR 2016 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	1 SO2 (E)	966 CR1_NGCC 966	967 MRS_NGCC 967	968 RP2TR_KP 968	969 RP2TR_IM 969	970 DUMMY_OP 970	971 DUMMY_OP 971	972 DUMMY_OP 972
----- 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 2029 -----								
----- YEAR 2030 -----								

----- YEAR 2031 -----
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 ----- YEAR 2036 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	1 SO2 (E)							
THERMAL UNIT		966	967	968	969	970	971	972
		CRI_NGCC	MRS_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
		966	967	968	969	970	971	972

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

EFFLUENT	1 SO2 (E)							
THERMAL UNIT		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 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	1 SO2 (E)							
	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 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	1 SO2 (E)							
	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 KP 993	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								

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6 Input Summary.txt
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP
	987	988	989	990	991	992	993	
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----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	1 SO2 (E)	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP	
	994	995	996	997	998	999	
----- 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 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)							CARD 1+2 1
	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	208.40	208.40	208.40	205.30	205.30	205.30	209.93	
EMISSIONS DATA AT MINIMUM	208.40	208.40	208.40	205.30	205.30	205.30	209.93	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)							CARD 1+2 1
	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7	
----- YEAR 2023 -----								
----- YEAR 2024 -----								
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	CARD 1+2 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 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 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	CLIFTY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	205.30	205.30	205.30	211.74	211.74	205.30
EMISSIONS DATA AT MINIMUM	0.00	205.30	205.30	205.30	211.74	211.74	205.30

EMISSIONS DATA PROFILE

6 Input Summary.txt

0 0 0 0 0 0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	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	2 CO2 (S)						
	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 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (s)							
	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	205.30	205.30	208.26	208.26	208.26	205.30	205.30	
EMISSIONS DATA AT MINIMUM	205.30	205.30	208.26	208.26	208.26	205.30	205.30	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2039 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
----- YEAR 2040 -----							
EFFLUENT THERMAL UNIT	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	208.77	208.77
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	208.77	208.77
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	2 CO2 (s)						
	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

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

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 02/07/13 15:36:23 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	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 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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----- 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 -----							
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----- YEAR 2021 -----							
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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 -----							

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NewEnergy Associates
 Strategist Page 321

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							

6 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 (S)						
	CEREDO 75 1	CEREDO 76 2	CEREDO 77 3	CEREDO 78 4	CEREDO 79 5	CEREDO 80 6	DARBY 81 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 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	DARBY 82 2	DARBY 83 3	DARBY 84 4	DARBY 85 5	DARBY 86 6	LWBG WIN 87 1	LWBG WIN 88 2
----- YEAR 2011 -----							

EMISSIONS DATA AT MAXIMUM	0.00	6	Input	Summary.txt	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 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

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NewEnergy Associates
 Strategist Page 322

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (s)							
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 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	2 CO2 (s)							
THERMAL UNIT	89	90	91	92	93	94	96	
	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APCO	
	1	2	1	1	1	1	1	

EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

6 Input Summary.txt

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	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 -----							
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----- YEAR 2027 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	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	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 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	2 CO2 (s)						
	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	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 -----
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EFFLUENT THERMAL UNIT	2 CO2 (s)						
	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	205.30	0.00	210.66	210.66	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	205.30	0.00	210.66	210.66	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	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 2020 -----
----- YEAR 2021 -----
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----- 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

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 2011 -----
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 ----- 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
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 2011 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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
----- YEAR 2030 -----							
----- YEAR 2031 -----							

6 Input Summary.txt

----- YEAR 2032 -----
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EFFLUENT THERMAL UNIT	2 CO2 (S)						
	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	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 -----
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EFFLUENT THERMAL UNIT	2 CO2 (S)						
	201 0	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 BS_BF50 957	958 RP2D_KP 958
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	212.58
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	212.58
EMISSIONS DATA 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.

EFFLUENT THERMAL UNIT	2 CO2 (s)	201	500	501	502	503	957	958
		0	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	BS_BF50 957	RP2D_KP 958
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	2 CO2 (s)	959	960	961	962	963	964	965
		RP2D_IM 959	CSV6_SCR 960	CSV5_SCR 961	DUMMY_OP 962	RP1D_KP 963	RP1D_03 964	CR2_NGCC 965
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		212.58	210.66	210.66	0.00	212.58	212.58	0.00
EMISSIONS DATA AT MINIMUM		212.58	210.66	210.66	0.00	212.58	212.58	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
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EFFLUENT THERMAL UNIT	2 CO2 (S)						
	966	967	968	969	970	971	972
	CR1_NGCC	MRS_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	211.74	211.74	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	211.74	211.74	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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6 Input Summary.txt

----- YEAR 2035 -----
 ----- YEAR 2036 -----
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 ----- YEAR 2040 -----

EFFLUENT	2 CO2 (S)	973	974	975	976	977	978	979
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		973	974	975	976	977	978	979

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 02/07/13 15:36:24 V04.0 R03.0

NewEnergy Associates
 Strategist Page 327

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (S)	973	974	975	976	977	978	979
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		973	974	975	976	977	978	979

----- YEAR 2016 -----
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6 Input Summary.txt

EFFLUENT THERMAL UNIT	2 CO2 (S)							
	980	981	982	983	984	985	986	
	DUMMY_OP 980	DUMMY_OP 981	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	2 CO2 (S)							
	987	988	989	990	991	992	993	
	DUMMY_OP 987	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- 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.

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	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_KP 993	
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	2 CO2 (\$)					
	994 DUMMY_OP 994	995 DUMMY_OP 995	996 ML_KP50 996	997 ML_KP50 997	998 T4_TRONA 998	999 DUMMY_OP 999
----- YEAR 2011 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	208.77	208.77	211.22	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	208.77	208.77	211.22	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)							7
	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 VALUE CHANGED FROM PREVIOUS YEAR.
 02/07/13 15:36:25 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							7
	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	

1 2 3 6 1 2 1

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

EFFLUENT
 THERMAL UNIT

3 CO2 (G) 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
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0 0 0 0 0 0 0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

3 CO2 (G) 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 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0 0 0 0 0 0 0

----- YEAR 2012 -----
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 ----- 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	
----- 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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NewEnergy Associates
 Strategist Page 330

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 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

6 Input Summary.txt

----- YEAR 2023 -----
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 ----- 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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	38	39	40	41	42	43	44	
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2021 -----

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 02/07/13 15:36:25 V04.0 R03.0

NewEnergy Associates
 Strategist Page 331

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	45	46	47	48	49	50	51	
	MOUNT_ER 1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4	MUSK RVR 5	P SPORN 1	

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

EMISSIONS DATA AT MAXIMUM	0.00	6	Input	Summary.txt	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 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3	CO2 (G)						
		52	53	54	55	56	57	58
	P SPORN	2	P SPORN	3	P SPORN	4	P SPORN	5
						PICWAY	RPRET_IM	RPRUN_IM
						5	1	1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	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 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	3 CO2 (G)							66 TANN 1-3 1
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3		
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 -----								
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6 Input Summary.txt

----- YEAR 2032 -----
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 ----- 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 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 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 -----								
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6 Input Summary.txt

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	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	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	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 -----							
EMISSIONS DATA AT MAXIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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_APCO 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	116.00	116.00	118.85	116.00	116.00	116.00	116.00	
EMISSIONS DATA AT MINIMUM	116.00	116.00	118.85	116.00	116.00	116.00	116.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2017 -----								
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----- YEAR 2019 -----								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 02/07/13 15:36:25 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_APCO 1	
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								

6 Input Summary.txt

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	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	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 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	104 PC_UL_IM	105 NUKE_IM	106 CT_KP	107 CC_KP	108 IGCC KP	109 PC_UL_KP	110 NUKE_KP

6 Input Summary.txt

	1	1	1	1	1	1	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	116.00	116.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	116.00	116.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 335

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	104 PC_UL_IM	105 NUKE_IM	106 CT_KPCCO	107 CC_KPCCO	108 IGCC KP	109 PC_UL_KP	110 NUKE_KP	
----- 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)							
	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	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 -----
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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)						
	119 BS_RPWR	120 BS_BFCC	121 BS2_FGD	122 BS_BF50	126 CSV5_SCR	127 CSV6_SCR	129 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 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							

----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 02/07/13 15:36:26 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CRI_NGCC	
	1	1	23	1	5	6	1	
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	3 CO2 (G)	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	
	2	5	5	1	2	4	1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	116.00	116.00	0.00	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	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	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 -----
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 ----- YEAR 2031 -----
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 ----- 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
----- 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
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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 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)						
	201 0	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 BS_BF50 957	958 RP2D_KP 958
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	116.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	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 -----							

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

EFFLUENT THERMAL UNIT	3 CO2 (G)												
	959	960	961	962	963	964	965						
RP2D_IM	959	CSV6_SCR	960	CSV5_SCR	961	DUMMY_OP	962	RP1D_KP	963	RP1D_03	964	CR2_NGCC	965
	959	960	961	962	963	964	965						
----- YEAR 2011 -----													
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)												
	959	960	961	962	963	964	965						
RP2D_IM	959	CSV6_SCR	960	CSV5_SCR	961	DUMMY_OP	962	RP1D_KP	963	RP1D_03	964	CR2_NGCC	965
	959	960	961	962	963	964	965						

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	966 CRI_NGCC 966	967 MRS_NGCC 967	968 RP2TR_KP 968	969 RP2TR_IM 969	970 DUMMY_OP 970	971 DUMMY_OP 971	972 DUMMY_OP 972
----- 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 -----
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 ----- YEAR 2017 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	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 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 2016 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	973	974	975	976	977	978	979	
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	
----- YEAR 2036 -----	973	974	975	976	977	978	979	
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	3 CO2 (G)							
	980	981	982	983	984	985	986	
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	
----- YEAR 2011 -----	980	981	982	983	984	985	986	
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 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)	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_KP 993
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	3 CO2 (G)					
	994 DUMMY_OP 994	995 DUMMY_OP 995	996 ML_KP50 996	997 ML_KP50 997	998 T4_TRONA 998	999 DUMMY_OP 999
----- YEAR 2011 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 340

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)					
	994 DUMMY_OP 994	995 DUMMY_OP 995	996 ML_KP50 996	997 ML_KP50 997	998 T4_TRONA 998	999 DUMMY_OP 999
----- 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 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						

6 Input Summary.txt

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

EFFLUENT	4 NOX (B)						
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 -----

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.21	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.21	2.76	0.45	0.48
EMISSIONS DATA PROFILE	53	54	3	0	5	7	8

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48

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

EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48

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

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

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

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

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----- 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 -----

EFFLUENT	4 NOX (B)						
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 2011 -----

EMISSIONS DATA AT MAXIMUM	0.49	0.52	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.49	0.52	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	9	10	0	0	0	0	0

6 Input Summary.txt

----- YEAR 2012 -----
 EMISSIONS DATA AT MAXIMUM 0.49 0.51 0.00 0.00 0.00 0.00 0.00

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 ♀ 02/07/13 15:36:26 V04.0 R03.0

NewEnergy Associates
 Strategist Page 341

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	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 2012 ----- EMISSIONS DATA AT MAXIMUM EMISSIONS DATA PROFILE	0.49 9	0.51 52	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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 2011 ----- EMISSIONS DATA AT MAXIMUM EMISSIONS DATA AT MINIMUM EMISSIONS DATA PROFILE	0.00 0	1.99 11	2.01 12	1.96 13	1.81 45	1.82 46	4.10 14

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

----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- 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
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.64	3.60	3.52	0.00	0.00	0.71	0.62
EMISSIONS DATA AT MINIMUM		0.64	3.60	3.52	0.00	0.00	0.71	0.62
EMISSIONS DATA PROFILE		15	16	17	0	0	18	19
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								

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)	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 2021 -----								
----- YEAR 2022 -----								

----- YEAR 2023 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)						
	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	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 -----
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----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)							
	38	39	40	41	42	43	44	
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	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 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 9 02/07/13 15:36:27 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	38	39	40	41	42	43	44	
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2	
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	4 NOX (B)							
	45	46	47	48	49	50	51	
	MOUNT_ER 1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4	MUSK RVR 5	P SPORN 1	
----- YEAR 2011 -----								

		6 Input Summary.txt						
EMISSIONS DATA AT MAXIMUM	0.70	5.80	4.60	5.38	3.51	0.57	2.79	
EMISSIONS DATA AT MINIMUM	0.70	5.80	4.60	5.38	3.51	0.57	2.79	
EMISSIONS DATA PROFILE	33	34	35	36	37	38	39	

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

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

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

EMISSIONS DATA PROFILE	32	34	35	36	37	38	39
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----- YEAR 2015 -----

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

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

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

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

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

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

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

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

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

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

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

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

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

EMISSIONS DATA AT MAXIMUM	2.67	2.81	2.87	2.68	8.40	1.84	1.84
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EMISSIONS DATA AT MINIMUM	2.67	2.81	2.87	2.68	8.40	1.84	1.84
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EMISSIONS DATA PROFILE	40	41	42	43	44	45	45
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----- YEAR 2012 -----

EMISSIONS DATA AT MAXIMUM	2.67	2.47	2.53	2.68	8.40	1.84	1.84
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EMISSIONS DATA AT MINIMUM	2.67	2.47	2.53	2.68	8.40	1.84	1.84
---------------------------	------	------	------	------	------	------	------

EMISSIONS DATA PROFILE	40	27	59	43	44	45	45
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----- YEAR 2013 -----

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

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

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

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

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)	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 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	4 NOX (B)	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 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

	1.84	1.15	1.17	1.15	1.27	0.67	3.12
	1.84	1.15	1.17	1.15	1.27	0.67	3.12
	46	0	0	0	0	3	68

----- YEAR 2012 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

	1.84	1.15	1.17	1.15	1.27	0.67	2.39
	1.84	1.15	1.17	1.15	1.27	0.67	2.39

----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- 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
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 -----							
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----- YEAR 2032 -----							
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----- YEAR 2034 -----							

----- YEAR 2035 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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 02/07/13 15:36:27 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)	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 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	4 NOX (B)	75	76	77	78	79	80	81
THERMAL UNIT	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
		1	2	3	4	5	6	1

EMISSIONS DATA AT MAXIMUM	0.31	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	0.31	0.39
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

6 Input Summary.txt

EFFLUENT THERMAL UNIT	4 NOX (B)		83		84		85		86		87		88	
	DARBY	82	DARBY	83	DARBY	84	DARBY	85	DARBY	86	LWBG WIN	87	LWBG WIN	88
		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
----- 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 -----														
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)		83		84		85		86		87		88	
	DARBY	82	DARBY	83	DARBY	84	DARBY	85	DARBY	86	LWBG WIN	87	LWBG WIN	88

6 Input Summary.txt

	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LWBG WIN 1	LWBG WIN 2
----- YEAR 2040 -----							
EFFLUENT THERMAL UNIT	4 NOX (B) 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 -----							
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA AT MINIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.09	0.09	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA AT MINIMUM	0.09	0.09	0.09	0.09	0.13	0.09	0.12
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA AT MINIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
----- YEAR 2017 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2018 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2019 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
----- YEAR 2020 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							
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 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.50	0.62	0.00	0.12	0.08	0.50

EMISSIONS DATA AT MINIMUM	0.08	6 Input Summary.txt			0.00	0.12	0.08	0.50
EMISSIONS DATA PROFILE	0	0.50	0.62	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2037 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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 † 02/07/13 15:36:27 V04.0 R03.0

NewEnergy Associates
 Strategist Page 347

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	104 PC_UL_IM	105 NUKE_IM	106 CT_KPCO	107 CC_KPCO	108 IGCC_KP	109 PC_UL_KP	110 NUKE_KP
	1	1	1	1	1	1	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 -----

6 Input Summary.txt

----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- 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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	4 NOX (B)	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

----- YEAR 2011 -----	EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.45	0.08	0.36	0.35	0.08
----- YEAR 2011 -----	EMISSIONS DATA AT MINIMUM	0.08	0.08	0.45	0.08	0.36	0.35	0.08
----- YEAR 2011 -----	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 -----

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 9 02/07/13 15:36:27 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)	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

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

EFFLUENT 4 NOX (B)

THERMAL UNIT	6 Input Summary.txt						
	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	0.08	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 -----							
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----- YEAR 2030 -----							
----- YEAR 2031 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	4 NOX (B)						
	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	1.51	2.54	0.73	0.40	1.84	1.73	1.84
EMISSIONS DATA AT MINIMUM	1.51	2.54	0.73	0.40	1.84	1.73	1.84
EMISSIONS DATA PROFILE	0	51	28	66	45	46	45
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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 ----- YEAR 2029 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	137 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 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	4 NOX (B)						
	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	1.73	2.70	2.70	0.55	0.49	0.55	0.49
EMISSIONS DATA AT MINIMUM	1.73	2.70	2.70	0.55	0.49	0.55	0.49
EMISSIONS DATA PROFILE	0	51	51	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2027 -----							
----- YEAR 2028 -----							

6 Input Summary.txt

----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	957 BS_BF50	958 RP2D_KP
		0	0	0	0	0	957	958

----- 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	0.08	1.51
2.18	0.00	0.00	0.00	0.00	0.00	0.08	1.51
0	0	0	0	0	0	0	0

----- YEAR 2012 -----
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 9 02/07/13 15:36:27 V04.0 R03.0

6 Input Summary.txt
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	201	500	501	502	503	957	958
		0	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	BS_BF50 957	RP2D_KP 958

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

EFFLUENT THERMAL UNIT	4 NOX (B)	959	960	961	962	963	964	965
		RP2D_IM 959	CSV6_SCR 960	CSV5_SCR 961	DUMMY_OP 962	RP1D_KP 963	RP1D_03 964	CR2_NGCC 965

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

EMISSIONS DATA AT MAXIMUM		0.40	0.35	0.36	0.00	0.38	0.40	0.08
EMISSIONS DATA AT MINIMUM		0.40	0.35	0.36	0.00	0.38	0.40	0.08
EMISSIONS DATA PROFILE		67	61	60	0	0	66	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 -----

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

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

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

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

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

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

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

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

EFFLUENT THERMAL UNIT	4 NOX (B)	966	967	968	969	970	971	972
		CR1_NGCC 966	MR5_NGCC 967	RP2TR_KP 968	RP2TR_IM 969	DUMMY_OP 970	DUMMY_OP 971	DUMMY_OP 972

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

EMISSIONS DATA AT MAXIMUM		0.08	0.08	1.73	1.73	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.08	0.08	1.73	1.73	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	46	0	0	0

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

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

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

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

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

EFFLUENT THERMAL UNIT	4 NOX (B)							
	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 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 -----								

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 02/07/13 15:36:28 V04.0 R03.0

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	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 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	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 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	DUMMY_OP 987	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_KP 993
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 -----
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 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

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 ♪ 02/07/13 15:36:28 V04.0 R03.0

NewEnergy Associates
 Strategist Page 352

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	DUMMY_OP 987	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_KP 993
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	4 NOX (B)					
	DUMMY_OP 994	DUMMY_OP 995	ML_KP50 996	ML_KP50 997	T4_TRONA 998	DUMMY_OP 999
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.49	0.55	2.70	0.00

EMISSIONS DATA AT MINIMUM	0.00	6	Input	Summary.txt	0.55	2.70	0.00
EMISSIONS DATA PROFILE	0	0	0	0	51	0	

----- YEAR 2012 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR SO2							
	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	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 -----								

	0.00	0.00	0.00	0.00	4.19	4.19	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.19	4.19	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.19	4.19	0.00
----- YEAR 2020 -----							
----- YEAR 2021 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.22	4.22	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.22	4.22	0.00
----- YEAR 2022 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.24	4.24	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.24	4.24	0.00
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5	NSR	SO2	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2			
	1	2	3	6	1	2	1			
----- YEAR 2027 -----										
----- YEAR 2028 -----										
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----- 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	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	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	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	0	0
----- YEAR 2012 -----										
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR SO2						
	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 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

REP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	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 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	5 NSR SO2	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	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
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6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	5 NSR SO2							
	29	30	33	34	35	36	37	
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 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 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 355

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2							
	29	30	33	34	35	36	37	
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2	
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	5 NSR SO2							
	38	39	40	41	42	43	44	
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2	
----- YEAR 2011 -----								

	6 Input Summary.txt						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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EFFLUENT THERMAL UNIT	5 NSR SO2						
	45	46	47	48	49	50	51
	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	1	1	2	3	4	5	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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6 Input Summary.txt

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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 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 356

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 2016 -----
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6 Input Summary.txt

----- YEAR 2032 -----
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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
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 -----
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EFFLUENT THERMAL UNIT	5 NSR SO2						
	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
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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NewEnergy Associates
 Strategist Page 357

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2							
	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 2026 -----								
----- YEAR 2027 -----								
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EFFLUENT THERMAL UNIT	5 NSR SO2						
	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
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EFFLUENT THERMAL UNIT	5 NSR SO2							
	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 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2		82		83		84		85		86		87		88	
	DARBY	2	DARBY	3	DARBY	4	DARBY	5	DARBY	6	LWBG WIN	1	LWBG WIN	2		

----- YEAR 2036 -----
----- YEAR 2037 -----
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EFFLUENT THERMAL UNIT	5 NSR SO2		89		90		91		92		93		94		96	
	LWBG SMR	1	LWBG SMR	2	WATR CC	1	WATR2	1	DRESDEN	1	DRESD2	1	CT_APCO	1		

EMISSIONS DATA AT MAXIMUM	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
EMISSIONS DATA AT MINIMUM	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
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2011 -----
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6 Input Summary.txt

EFFLUENT THERMAL UNIT	5 NSR SO2							
	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	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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EFFLUENT THERMAL UNIT	5 NSR SO2							
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 359

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_KPCCO 1	107 CC_KPCCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	
----- YEAR 2012 -----								

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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
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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EFFLUENT THERMAL UNIT	5 NSR SO2						
	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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ♀ 02/07/13 15:36:29 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2						
	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 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 -----							

6 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	5 NSR SO2						
	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 -----							

6 Input Summary.txt

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

EFFLUENT	5 NSR SO2	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 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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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02/07/13 15:36:29 V04.0 R03.0

NewEnergy Associates
Strategist Page 361

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2	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 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 -----

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

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

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

EFFLUENT THERMAL UNIT	6 Input Summary.txt							
	5 NSR SO2	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		0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM		0.98	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM		0.98	0.00	0.00	0.14	0.14	0.14	0.14
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM		1.06	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM		1.06	0.00	0.00	0.14	0.14	0.14	0.14
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM		0.53	0.00	0.00	0.15	0.15	0.15	0.15
EMISSIONS DATA AT MINIMUM		0.53	0.00	0.00	0.15	0.15	0.15	0.15
----- YEAR 2015 -----								
EMISSIONS DATA AT MAXIMUM		0.47	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM		0.47	0.00	0.00	0.14	0.14	0.14	0.14
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
EMISSIONS DATA AT MAXIMUM		0.47	0.00	0.00	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM		0.47	0.00	0.00	0.13	0.13	0.13	0.13
----- YEAR 2020 -----								
EMISSIONS DATA AT MAXIMUM		0.47	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM		0.47	0.00	0.00	0.14	0.14	0.14	0.14
----- YEAR 2021 -----								
EMISSIONS DATA AT MAXIMUM		0.47	0.00	0.00	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM		0.47	0.00	0.00	0.13	0.13	0.13	0.13
----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM		0.47	0.00	0.00	0.12	0.12	0.12	0.12
EMISSIONS DATA AT MINIMUM		0.47	0.00	0.00	0.12	0.12	0.12	0.12
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	5 NSR SO2							
	201	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 BS_BF50 957	958 RP2D_KP 958	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.87	
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.87	
EMISSIONS DATA PROFILE		0	0	0	0	0	0	
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.98	
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.98	

6 Input Summary.txt

Year	Max Emissions	Min Emissions	Profile	Other 1	Other 2	Other 3	Other 4
2013	0.00	0.00	0.00	0.00	0.00	0.00	1.06
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.53
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.47

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
 02/07/13 15:36:29 V04.0 R03.0

NewEnergy Associates
 Strategist Page 362

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

Effluent Thermal Unit	5 NSR SO2							
	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	957 BS_BF50	958 RP2D_KP	
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.47	
2016								
2017								
2018								
2019								
2020								
2021								
2022	0.00	0.00	0.00	0.00	0.00	0.00	0.47	
2023								
2024								
2025								
2026								
2027								
2028								
2029								
2030								
2031								
2032								
2033								
2034								
2035								
2036								
2037								
2038								
2039								
2040								

Effluent Thermal Unit	5 NSR SO2							
	959 RP2D_IM	960 CSV6_SCR	961 CSV5_SCR	962 DUMMY_OP	963 RP1D_KP	964 RP1D_03	965 CR2_NGCC	
2011	0.00	0.00	0.00	0.00	0.75	0.00	0.00	
2012	0.00	0.00	0.00	0.00	0.75	0.00	0.00	
2013	0.00	0.00	0.00	0.00	0.82	0.00	0.00	

6 Input Summary.txt

YEAR	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	966	967	968	969	970	971	972
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
2018									
2019									
2020									
2021									
2022									
2023									
2024									
2025									
2026									
2027									
2028									
2029									
2030									
2031									
2032									
2033									
2034									
2035									
2036									
2037									
2038									
2039									
2040									

EFFLUENT THERMAL UNIT

5 NSR SO2

966	967	968	969	970	971	972
CR1_NGCC	MRS_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
966	967	968	969	970	971	972

2011	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00
2016								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
 02/07/13 15:36:29 V04.0 R03.0

NewEnergy Associates
 Strategist Page 363

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT

5 NSR SO2

THERMAL UNIT	966 CRL_NGCC 966	6 Input Summary.txt 967 MRS_NGCC 967	968 RP2TR_KP 968	969 RP2TR_IM 969	970 DUMMY_OP 970	971 DUMMY_OP 971	972 DUMMY_OP 972
----- 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	0.00	0.47	0.00	0.00	0.00	0.00
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	5 NSR SO2 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 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	5 NSR SO2						
	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 -----							
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 15:36:30 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2						
	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 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							

6 Input Summary.txt

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

EFFLUENT
 THERMAL UNIT

5 NSR SO2

	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP
	987	988	989	990	991	992	993

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

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0

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

EFFLUENT
 THERMAL UNIT

5 NSR SO2

	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999

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

0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0

----- YEAR 2012 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00	0.00	0.14	0.14	0.00	0.00
0.00	0.00	0.14	0.14	0.00	0.00

----- YEAR 2013 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00	0.00	0.14	0.14	0.00	0.00
0.00	0.00	0.14	0.14	0.00	0.00

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

		6 Input Summary.txt				
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.15	0.15	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.15	0.15	0.00	0.00
----- YEAR 2015 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.14	0.14	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.14	0.14	0.00	0.00
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.13	0.13	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.13	0.13	0.00	0.00
----- YEAR 2020 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.14	0.14	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.14	0.14	0.00	0.00
----- YEAR 2021 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.13	0.13	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.13	0.13	0.00	0.00
----- YEAR 2022 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.12	0.12	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.12	0.12	0.00	0.00
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 9/02/07/13 15:36:30 V04.0 R03.0

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2						
	994 DUMMY_OP 994	995 DUMMY_OP 995	996 ML_KP50 996	997 ML_KP50 997	998 T4_TRONA 998	999 DUMMY_OP 999	
----- YEAR 2028 -----							
----- 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)						
	1 AMOS 1	2 AMOS 2	3 AMOS_OP 3	4 BECKJORD 6	5 BIG SAND 1	6 BIG SAND 2	7 CARD 1+2 1
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 2028 -----
 ----- 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 (B)						
	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 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- 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.
 7 02/07/13 15:36:30 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)							
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 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	6 HG (E)							
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 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

		0.00	0.00	0.00	0.00	0.00	0.00	0.02
		0.00	0.00	0.00	0.00	0.00	0.00	0.02
		0	0	0	0	0	0	0

----- YEAR 2012 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

		0.00	0.00	0.00	0.00	0.00	0.00	0.02
		0.00	0.00	0.00	0.00	0.00	0.00	0.02

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2022 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

6 Input Summary.txt

----- 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 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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6 Input Summary.txt
 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 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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----- YEAR 2030 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- 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 -----								
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)							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	0.00	0.01	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	0.01
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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)							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 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

6 Input Summary.txt

----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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 -----
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 ----- YEAR 2016 -----
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 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- 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

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

6 Input Summary.txt

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2018 -----
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 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

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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	6 HG (E)	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 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	6 HG (E)	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

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 -----
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----- YEAR 2017 -----
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 ----- 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 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)							
	DARBY 2	82 3	DARBY 4	83 5	DARBY 6	84 1	DARBY 2	85 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 -----								
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----- YEAR 2038 -----								

6 Input Summary.txt

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

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	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 -----							
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 2028 -----

----- 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 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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
9 02/07/13 15:36:31 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	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 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	6 HG (E)						
	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	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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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 -----	1	1	1	1	1	1	1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ♀ 02/07/13 15:36:31 V04.0 R03.0

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 2030 -----	1	1	1	1	1	1	1
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							

6 Input Summary.txt

----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
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 ----- YEAR 2038 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)						
	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	0.01	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 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)						
	130 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 -----
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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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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 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	190	191	193	194	195	196
	RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
	2	4	4	1	2	1	2

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- 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	0.00	0.00
0	0	0	0	0	0	0	0

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	6 HG (E)	201	500	501	502	503	957	958
		0	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP
			0	0	0	0	957	958

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

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

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NewEnergy Associates
 Strategist Page 374

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	957	958
		0	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP
			0	0	0	0	957	958

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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)	959	960	961	962	963	964	965
		RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC

	959	6 Input Summary.txt			962	963	964	965
		960	961					
----- 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 -----
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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 -----

	6 HG (E)						
EFFLUENT THERMAL UNIT	966	967	968	969	970	971	972
	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
----- 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)						
	966 CRI_NGCC 966	967 MRS_NGCC 967	968 RP2TR_KP 968	969 RP2TR_IM 969	970 DUMMY_OP 970	971 DUMMY_OP 971	972 DUMMY_OP 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 -----

EFFLUENT THERMAL UNIT	6 HG (E)						
	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

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 -----
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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	6 HG (E)						
	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 -----							
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
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 02/07/13 15:36:31 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	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 2036 -----							

6 Input Summary.txt

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	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_KP 993
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	6 HG (E)					
	994 DUMMY_OP 994	995 DUMMY_OP 995	996 ML_KP50 996	997 ML_KP50 997	998 T4_TRONA 998	999 DUMMY_OP 999
----- YEAR 2011 -----						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0

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

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 9 02/07/13 15:36:31 V04.0 R03.0

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 Strategist Page 377

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	1	AMOS	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.08	
UNIT FUEL TYPE	FUEL ID	1	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			

----- YEAR 2023 -----
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 ----- YEAR 2029 -----
 ----- 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 -----

THERMAL UNIT	2	AMOS	2
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 -----
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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 -----

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.08
UNIT FUEL TYPE	FUEL ID	2

```

----- YEAR 2039 -----
----- YEAR 2040 -----
THERMAL UNIT          3      AMOS_OP      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 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
02/07/13 15:36:32 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          3      AMOS_OP      3
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          4      BECKJORD      6
UNIT FUELS                          1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.11
UNIT FUEL TYPE           FUEL ID      4
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----

```

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	5	BIG SAND	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	5	

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

----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 5 BIG SAND 1
 UNIT FUELS 1

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

THERMAL UNIT 6 BIG SAND 2
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05
 UNIT FUEL TYPE FUEL ID 6

----- YEAR 2012 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.10

----- YEAR 2013 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.12

----- YEAR 2014 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.12

----- YEAR 2015 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.02

----- YEAR 2016 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.42

----- YEAR 2017 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.44

----- YEAR 2018 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.47

----- YEAR 2019 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.49

----- YEAR 2020 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.51

----- YEAR 2021 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.14

----- YEAR 2022 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.54

----- YEAR 2023 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.56

----- YEAR 2024 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.59

----- YEAR 2025 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.62

----- YEAR 2026 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.65

----- YEAR 2027 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.68

----- YEAR 2028 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.71

----- YEAR 2029 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.74

----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.77
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.81
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.89
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.97
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.02
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.06
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.11
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.17
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.22
THERMAL UNIT	7	CARD 1+2	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.08
UNIT FUEL TYPE	FUEL ID		7
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			

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THERMAL UNIT 7 CARD 1+2 1
UNIT FUELS 1
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT 8 CARD 1+2 2
UNIT FUELS 1
----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.08
UNIT FUEL TYPE FUEL ID 8

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

THERMAL UNIT 9 CARD 3 3
UNIT FUELS 1
----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.08
UNIT FUEL TYPE FUEL ID 9
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----

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

THERMAL UNIT 10 CLIFTY 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
UNIT FUEL TYPE FUEL ID 10

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 10 CLIFTY 1
UNIT FUELS 1

----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

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

THERMAL UNIT 11 CLIFTY 2
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT § 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
UNIT FUEL TYPE FUEL ID 11

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

THERMAL UNIT	12	CLIFTY	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	12	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	12	CLIFTY	3
UNIT FUELS			1
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	13	CLIFTY	4
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	13	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			

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

THERMAL UNIT	14	CLIFTY	5
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	14	

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
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 \$/METU 0.00
UNIT FUEL TYPE FUEL ID 15

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

THERMAL UNIT 16 CLINCH R 1
UNIT FUELS 1

```

----- 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 -----
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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          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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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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6 Input Summary.txt
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 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 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			

YEAR	UNIT FUEL AUXILIARY COSTS	\$/MBTU
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT UNIT FUELS	19	ROCKP_KP 1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	58
----- YEAR 2012 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07
----- YEAR 2013 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.67
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- 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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	UNIT FUEL AUXILIARY COSTS	\$/MBTU
THERMAL UNIT UNIT FUELS	19	ROCKP_KP 1
----- 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	20	ROCKP_KP	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		59
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.15
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.51
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.58
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.65
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.76
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.78
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.88
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.90
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.95
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.98
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.01


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----- YEAR 2034 -----
UNIT FUEL AUXILIARY COSTS    $/MBTU    1.04
----- YEAR 2035 -----
UNIT FUEL AUXILIARY COSTS    $/MBTU    1.07
----- YEAR 2036 -----
UNIT FUEL AUXILIARY COSTS    $/MBTU    1.10
----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS    $/MBTU    1.13
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS    $/MBTU    1.16
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS    $/MBTU    1.20
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS    $/MBTU    1.23
      THERMAL UNIT          21    CSVL 1-4    3
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT              %          100.00
UNIT FUEL AUXILIARY COSTS    $/MBTU    0.07
UNIT FUEL TYPE                FUEL ID    21
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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      THERMAL UNIT          21    CSVL 1-4    3
      UNIT FUELS              1
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----

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----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          22      CSVL 1-4   4
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU    0.10
UNIT FUEL TYPE           FUEL ID    22
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          23      CSVL 5+6   5
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU    0.07
UNIT FUEL TYPE           FUEL ID    23
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----

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

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	23	CSVL 5+6	5
UNIT FUELS			1
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	24	CSVL 5+6	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07	
UNIT FUEL TYPE	FUEL ID	24	

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

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

 THERMAL UNIT 25 D C COOK 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 26 D C COOK 2
 UNIT FUELS 1

----- YEAR 2011 -----
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 UNIT FUELS	26	D C COOK	2 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 UNIT FUELS	27	GAVIN	1 1
----- YEAR 2011 -----			
MINIMUM BURN PCT	§	100.00	
UNIT FUEL AUXILIARY COSTS	\$/METU	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 -----			

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

THERMAL UNIT	28	GAVIN	2
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	28	

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	28	GAVIN	2
UNIT FUELS			1

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

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

 THERMAL UNIT 29 GLEN LYN 5
 UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.23
UNIT FUEL TYPE FUEL ID 29

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

 THERMAL UNIT 30 GLEN LYN 6
 UNIT FUELS 1

----- YEAR 2011 -----
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 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- 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	
----- 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	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 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

```

----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
THERMAL UNIT          33    KAMMER    1
UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT      %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU    0.20
UNIT FUEL TYPE       FUEL ID      33
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----

```

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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          33    KAMMER    1
UNIT FUELS              1
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
THERMAL UNIT          34    KAMMER    2
UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT      %          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 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT	35	KAMMER	3
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
UNIT FUEL TYPE	FUEL ID	35	

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

----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----

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

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

THERMAL UNIT	37	KANAWHA	2
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.10	
UNIT FUEL TYPE	FUEL ID	37	

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

THERMAL UNIT	38	KYGER	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	38	

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	38	KYGER	1
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	39	KYGER	2
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	39	

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

----- 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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 AEP EAST
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 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----

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

 THERMAL UNIT 41 KYGER 4
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 41

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

 THERMAL UNIT 42 KYGER 5
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 42

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	42	KYGER	5
UNIT FUELS			1
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	43	MITCHELL	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		43
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			

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

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VALUE CHANGED FROM PREVIOUS YEAR.
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REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 45 MOUNT_ER 1
UNIT FUELS 1

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

THERMAL UNIT 46 MUSK RVR 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT \$ 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05
UNIT FUEL TYPE FUEL ID 46

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


```

THERMAL UNIT          47      MUSK RVR  2
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          48      MUSK RVR  3
UNIT FUELS            1
----- YEAR 2011 -----
MINIMUM BURN PCT      %           100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.05
UNIT FUEL TYPE        FUEL ID      48
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

THERMAL UNIT          49      MUSK RVR  4
UNIT FUELS            1
----- YEAR 2011 -----
MINIMUM BURN PCT      %           100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.05
UNIT FUEL TYPE        FUEL ID      49

```


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

THERMAL UNIT
UNIT FUELS

51 P SPORN 1
1

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

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

% 100.00
\$/MBTU 0.11
FUEL ID 51

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

THERMAL UNIT 52 P SPORN 2
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
UNIT FUEL TYPE FUEL ID 52

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

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REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 52 P SPORN 2
UNIT FUELS 1

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

THERMAL UNIT 53 P SPORN 3
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
UNIT FUEL TYPE FUEL ID 53

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

THERMAL UNIT
 UNIT FUELS

54 P SPORN 4
 1

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

MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
 UNIT FUEL TYPE FUEL ID 54

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 54 P SPORN 4
UNIT FUELS 1

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

THERMAL UNIT 55 P SPORN 5
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
UNIT FUEL TYPE FUEL ID 55

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

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

THERMAL UNIT	56	PICWAY	5
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.10	
UNIT FUEL TYPE	FUEL ID	56	

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

THERMAL UNIT	57	RPRET_IM	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	58	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----

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6 Input Summary.txt

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	57	RPRET_IM	1
		1	
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	58	RPRUN_IM	1
		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	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 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			

----- YEAR 2028 -----
----- 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	59	ROCKP_IM	2
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 -----

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06
UNIT FUEL TYPE	FUEL ID	59

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	59	ROCKP_IM	2
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	60		0
UNIT FUELS		1	

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

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

THERMAL UNIT	61	STUART	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	61	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	62	STUART	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	62	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
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----- YEAR 2028 -----
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 ----- YEAR 2030 -----
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 ----- 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 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- 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

MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.08
UNIT FUEL TYPE FUEL ID 3

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2026 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT
 UNIT FUELS

66 TANN 1-3 1
 1

----- YEAR 2011 -----
 MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

% 100.00
 \$/MBTU 0.24
 FUEL ID 66

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2028 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 66 TANN 1-3 1
UNIT FUELS 1

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

THERMAL UNIT 67 TANN 1-3 2
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.24
UNIT FUEL TYPE FUEL ID 67

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

THERMAL UNIT 68 TANN 1-3 3
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.24

UNIT FUEL TYPE

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FUEL ID

68

69 TANN 4 4

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 -----

100.00

0.29

69

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT

UNIT FUELS

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

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

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

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

69 TANN 4 4

1

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	70	ZIMMER	1
UNIT FUELS			1

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2027 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11
UNIT FUEL TYPE	FUEL ID	70

UNIT FUEL TYPE	FUEL ID	71	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	73	ROBTMONE	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	§		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		71
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2024 -----			
----- YEAR 2025 -----			
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----- YEAR 2027 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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 -----		
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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 75 CEREDO 1
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 72

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

THERMAL UNIT 76 CEREDO 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 -----

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
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 -----

76 CEREDO 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 -----

77 CEREDO 3
1
% 100.00
\$/MBTU 0.00
FUEL ID 72

----- YEAR 2028 -----
 ----- 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	78	CEREDO	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 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- 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	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
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%	100.00
\$/MBTU	0.00
FUEL ID	72

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

THERMAL UNIT	80	CEREDO	6
UNIT FUELS			1

----- YEAR 2011 -----
 MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%	100.00
\$/MBTU	0.00
FUEL ID	72

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----

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

THERMAL UNIT	81	DARBY	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	

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

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	81	DARBY	1
UNIT FUELS			1

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

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

THERMAL UNIT 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 DARBY 3
UNIT FUELS 1

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

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 -----

FUEL ID 72

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

83 DARBY 3
 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 -----

84 DARBY 4
 1
 \$ 100.00
 \$/MBTU 0.00
 FUEL ID 72

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

THERMAL UNIT	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
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REP 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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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 MIN 2
 1

THERMAL UNIT
UNIT FUELS
----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----

89 LWBG SMR 1
 1
% 100.00
\$/MBTU 0.00
FUEL ID 71

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

----- YEAR 2028 -----
----- 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 93 DRESDEN 1
UNIT FUELS 1

----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

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AEF EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 93 DRESDEN 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 94 DRES2 1
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 73

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

 THERMAL UNIT 95 0
 UNIT FUELS 1

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

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	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 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			

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

THERMAL UNIT	97	CC_APCO	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	

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

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 2017 -----

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

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

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

THERMAL UNIT 100 Nuke_AP 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
UNIT FUEL TYPE FUEL ID 25

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

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 100 Nuke_AP 1
UNIT FUELS 1

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

----- 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 -----

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	102	CC_I&M	1
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	103	IGCC IM	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	45	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT
 UNIT FUELS

104 PC_UL_IM 1
 1

----- YEAR 2011 -----
 MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

 % 100.00
 \$/MBTU 0.00
 FUEL ID 45

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

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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	107	CC_KPCO	1
UNIT FUELS			1
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	108	IGCC KP	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	45	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			

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

THERMAL UNIT 112 CC_OH 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
UNIT FUEL TYPE FUEL ID 72

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 112 CC_OH 1
UNIT FUELS 1

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

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

 THERMAL UNIT 113 IGCC OH 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 114 PC_UL_OH 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 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 118 BS1_Gas 1
UNIT FUELS 1

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

THERMAL UNIT 119 BS_RPWR 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
UNIT FUEL TYPE FUEL ID 82

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

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

THERMAL UNIT	121	BS2 FGD	23
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		6
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.19
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.19
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.32
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.34
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.35
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.38
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.40
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.42
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.45
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.47
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.50
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.54
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.65
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.75
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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----- YEAR 2040 -----
      THERMAL UNIT          123          0
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU          0.00
UNIT FUEL TYPE          FUEL ID          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          126      CSV5_SCR  5
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU          0.07
UNIT FUEL TYPE          FUEL ID          23
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	127	CSV6_SCR	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07	
UNIT FUEL TYPE	FUEL ID	24	

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

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	129	CR1_NGCC	1
UNIT FUELS			1
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	130	CR2_NGCC	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11	
UNIT FUEL TYPE	FUEL ID	72	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 131 MR5_NGCC 5
 UNIT FUELS 1
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT 132 MR5_FGD 5
 UNIT FUELS 1
 ----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05
 UNIT FUEL TYPE FUEL ID 31

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

THERMAL UNIT 133 RP1D_IM 1
 UNIT FUELS 1
 ----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
 UNIT FUEL TYPE FUEL ID 60
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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	135	TAN4_FGD	4
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	
UNIT FUEL TYPE	FUEL ID	69	

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

THERMAL UNIT	136	RP1D_KP	1
UNIT FUELS		1	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.84	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.86	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.92	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.94	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.96	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98	
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.00	
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.02	
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.05	
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07	
----- YEAR 2036 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.09	
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.12	
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.14	
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.17	
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.20	
THERMAL UNIT	137	RP2D_KP	2
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	59	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.65	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.67	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.76	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.93	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.95	
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98	
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.01	
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.04	
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07	
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.10	
----- YEAR 2037 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.13	
----- 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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 02/07/13 15:36:39 V04.0 R03.0

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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	140	0
UNIT FUELS		1
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		

THERMAL UNIT	141	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		

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

THERMAL UNIT	142	0
UNIT FUELS		1

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	142	0
UNIT FUELS		1

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

THERMAL UNIT	143	0
UNIT FUELS		1

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

```

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

```

```

THERMAL UNIT          144      TC4_ESP      4
UNIT FUELS           1

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT      %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.29
UNIT FUEL TYPE        FUEL ID      69

```

```

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

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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 145 0
 UNIT FUELS 1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 145 0
 UNIT FUELS 1

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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	146	0
UNIT FUELS		1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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	147	0
UNIT FUELS		1

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

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

----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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REP 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 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----

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

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

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 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

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 -----

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 152 0
 UNIT FUELS 1

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

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

THERMAL UNIT 153 MTN_18% 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 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 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
02/07/13 15:36:41 V04.0 R03.0

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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 9 02/07/13 15:36:41 V04.0 R03.0

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

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 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.
 * 02/07/13 15:36:41 V04.0 R03.0

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	RE1TR_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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9 02/07/13 15:36:41 V04.0 R03.0

NewEnergy Associates
Strategist Page 446

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

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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
VALUE CHANGED FROM PREVIOUS YEAR.
02/07/13 15:36:41 V04.0 R03.0

6 Input Summary.txt
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	192		0
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	193	ML_KP20	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05	
UNIT FUEL TYPE	FUEL ID	43	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33	

----- 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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NewEnergy Associates
Strategist Page 449

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 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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	199	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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

REP 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	\$	0.00	
UNIT FUEL TYPE	\$/MBTU	0	
	FUEL ID		
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- 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	\$	0.00	
UNIT FUEL TYPE	\$/MBTU	0	
	FUEL ID		
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			

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

THERMAL UNIT	202	0
UNIT FUELS		1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	202	0
UNIT FUELS		1

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

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

THERMAL UNIT	203	0
UNIT FUELS		1

----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/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 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 -----


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----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          208          0
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.00
UNIT FUEL TYPE           FUEL ID      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          209          0
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.00
UNIT FUEL TYPE           FUEL ID      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----

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----- 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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 VALUE CHANGED FROM PREVIOUS YEAR.
 02/07/13 15:36:43 V04.0 R03.0

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 -----

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	214	0
UNIT FUELS		1

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

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

THERMAL UNIT	215	0
UNIT FUELS		1

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

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

THERMAL UNIT	216	0
UNIT FUELS		1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	216	0
UNIT FUELS		1
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		

THERMAL UNIT	217	0
UNIT FUELS		1
----- 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 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	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	220	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		

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

THERMAL UNIT	221	0
UNIT FUELS		1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	221	0
--------------	-----	---

UNIT FUELS

1

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

THERMAL UNIT
UNIT FUELS

222

0

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 -----

%
\$/MBTU
FUEL ID

100.00
0.00
0

----- 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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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 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

```

----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          227          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          228          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 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	501	DUMMY_IM	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 -----

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6 Input Summary.txt
 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 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			

-----	YEAR 2031	-----		
-----	YEAR 2032	-----		
-----	YEAR 2033	-----		
-----	YEAR 2034	-----		
-----	YEAR 2035	-----		
-----	YEAR 2036	-----		
-----	YEAR 2037	-----		
-----	YEAR 2038	-----		
-----	YEAR 2039	-----		
-----	YEAR 2040	-----		
	THERMAL UNIT		958	RP2D_KP 958
	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

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----- 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          959    RP2D_IM    959
    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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

    THERMAL UNIT          959    RP2D_IM    959
    UNIT FUELS              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 -----

```


THERMAL UNIT UNIT FUELS	960	CSV6_SCR	960
----- YEAR 2011 -----			1
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
UNIT FUEL TYPE	FUEL ID		24
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
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----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT UNIT FUELS	961	CSV5_SCR	961
----- YEAR 2011 -----			1
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
UNIT FUEL TYPE	FUEL ID		23
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			

YEAR	UNIT FUELS	963	RP1D_KP	963
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				
THERMAL UNIT		963	RP1D_KP	963
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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	963	RE1D_KP	963
UNIT FUELS		1	
----- 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	964	RE1D_03	964
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 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	965	CR2_NGCC	965
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 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	966	CR1_NGCC	966
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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	966	CR1_NGCC	966
UNIT FUELS			1

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

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

THERMAL UNIT
 UNIT FUELS

967 MR5_NGCC 967
 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 -----

§ 100.00
 \$/MBTU 0.05
 FUEL ID 81

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

THERMAL UNIT	968	RP2TR_KP	968
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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	968	RP2TR_KP	968
UNIT FUELS			1
----- 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	969	RE2TR_IM	969
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          970  DUMMY_OP  970
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT                %            0.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.00

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

      THERMAL UNIT          970  DUMMY_OP  970
      UNIT FUELS              1
----- YEAR 2011 -----
UNIT FUEL TYPE                FUEL ID      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----

```


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

THERMAL UNIT	975	DUMMY_OP	975
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 -----
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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	976	DUMMY_OP	976
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 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	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 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	984	DUMMY_OP	984
UNIT FUELS			1

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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THERMAL UNIT
UNIT FUELS

984 DUMMY_OP 984
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

985 DUMMY_OP 985
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 -----

% 0.00
\$/MBTU 0.00
FUEL ID 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 -----

THERMAL UNIT	988	DUMMY_OP	988
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 -----

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

----- 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 991 DUMMY_OP 991
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 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 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	994	DUMMY_OP	994
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 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2026 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	995	DUMMY_OP	995
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 -----
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 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----

----- YEAR 2021 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	996	ML_KP50	996
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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	996	ML_KP50	996
UNIT FUELS			1
----- 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	997	ML_KP50	997
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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	997	ML_KP50	997
UNIT FUELS			1
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
THERMAL UNIT	998	T4_TRONA	998
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
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 -----			

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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 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7	
----- 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 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	CARD 1+2 8	CARD 3 9	CLIFTY 10	CLIFTY 11	CLIFTY 12	CLIFTY 13	CLIFTY 14	
----- 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 -----
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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 -----

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	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 ----- OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	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 -----								

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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 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 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 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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
 ----- 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 -----

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

29	30	31	32	33	34	35
----	----	----	----	----	----	----

6 Input Summary.txt
 GLEN LYN 5 GLEN LYN 6 0 0 KAMMER 1 KAMMER 2 KAMMER 3

YEAR	RATIO	GLEN LYN 5	GLEN LYN 6	0	0	KAMMER 1	KAMMER 2	KAMMER 3
YEAR 2011	0.00	0.00	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								

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 02/07/13 15:36:47 V04.0 R03.0

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1	29	30	31	32	33	34	35
	OPCO+CSP	GLEN LYN 5	GLEN LYN 6	0	0	KAMMER 1	KAMMER 2	KAMMER 3
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	1	36	37	38	39	40	41	42
	OPCO+CSP	KANAWHA 1	KANAWHA 2	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5
YEAR 2011	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- 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 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

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

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

GENERATING COMPANIES	1	OPCO+CSP	50	51	52	53	54	55	56						
THERMAL UNIT		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	1.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1	OPCO+CSP	50	51	52	53	54	55	56						
THERMAL UNIT		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 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

6 Input Summary.txt

----- 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

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

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

RATIO	1.00	0.00	0.00	0.00	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 -----

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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 3	TANN 1-3 1	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 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 2	ROBTMONE 3	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 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 -----
 ----- YEAR 2030 -----

RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00
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----- 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					83	84	85
	79 CEREDO 5	80 CEREDO 6	81 DARBY 1	82 DARBY 2	DARBY 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 -----
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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 -----

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

6 Input Summary.txt

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

	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

RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2032 -----
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 ----- 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		DRESD2		CT_APCO	CC_APCO	IGCC AP	PC_UL_AP
1		1	0	1	1	1	1

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
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 ----- 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_KPCO
 1 1 1 1 1 1 1

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

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

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_KPCO
 1 1 1 1 1 1 1

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

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 114 115 116 117 118 119 120
 PC_UL_OH NUKE OH CC_FA_KP 0 BS1_Gas BS_RPWR BS_BFCC

----- 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 -----
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 ----- 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	1	114	115	116	117	118	119	120
	OPCO+CSP	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 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1	121	122	124	126	127	129	130
	OPCO+CSP	BS2_FGD	BS_BF50		CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC
		23	1	0	5	6	1	2
----- YEAR 2011 -----	OWNERSHIP RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2019 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPGO+CSP

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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REP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	144 TC4_ESP 4	145 0	153 MTN_18% 1	154 0	155 0	156 0	157 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 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	158 0	159 0	160 0	161 0	162 0	166 0	168 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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES	1	OPCO+CSF	169	170	171	172	173	174	175
THERMAL UNIT			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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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 -----								
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----- 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 -----								
OWNERSHIP RATIO	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 -----								
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----- YEAR 2020 -----								
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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 -----

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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

RATIO 1.00 0.00 0.00 0.00 0.00 0.00 0.00

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 02/07/13 15:36:48 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 191 193 194 195 196 364 500
 T4_TRCCR ML_KP20 ML_KP20 ML_KP50 ML_KP50 0 DUMMY_OP
 4 1 2 1 2 0 0

6 Input Summary.txt

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
YEAR 2011								
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								
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YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES
THERMAL UNIT

1 OPCO+CSP

501	502	503	957	958	959	960
DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP	RP2D_IM	CSV6_SCR
0	0	0	957	958	959	960

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	1.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								

----- YEAR 2027 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

961	962	963	964	965	966	967
CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MRS_NGCC
961	962	963	964	965	966	967

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

RATIO	1.00	1.00	0.00	0.00	0.00	0.00	1.00
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REP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

961	962	963	964	965	966	967
CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MRS_NGCC
961	962	963	964	965	966	967

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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----- YEAR 2034 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

968	969	970	971	972	973	974
RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
968	969	970	971	972	973	974

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

RATIO	0.00	0.00	1.00	1.00	1.00	1.00	1.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

975	976	977	978	979	980	981
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
975	976	977	978	979	980	981

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

RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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----- YEAR 2017 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSF							
	975	976	977	978	979	980	981	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	975	976	977	978	979	980	981	
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSF							
	982	983	984	985	986	987	988	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	982	983	984	985	986	987	988	
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								

6 Input Summary.txt

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
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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 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

989	990	991	992	993	994	995
DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY KP	DUMMY OP	DUMMY OP
989	990	991	992	993	994	995

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

RATIO	1.00	1.00	1.00	1.00	0.00	1.00	1.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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	1 OPCO+CSP	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_KP 993	994 DUMMY_OP 994	995 DUMMY_OP 995
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	996 ML_KP50 996	997 ML_KP50 997	998 T4_TRONA 998	999 DUMMY_OP 999			
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00			

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
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----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2030 -----
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----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	1 AMOS 1	2 AMOS 2	3 AMOS_OP 3	4 BECKJORD 6	5 BIG SAND 1	6 BIG SAND 2	7 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 -----
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 ----- 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 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 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 -----								

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NewEnergy Associates
 Strategist Page 500

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 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

6 Input Summary.txt

----- YEAR 2023 -----
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 ----- 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 -----
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 ----- YEAR 2031 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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6 Input Summary.txt

YEAR	2 I&M	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 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT								
----- 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 -----								
----- YEAR 2016 -----								
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----- YEAR 2027 -----								
----- YEAR 2028 -----								

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	2 I&M	29 GLEN LYN 5	30 GLEN LYN 6	31 0	32 0	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3
----- 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								
----- 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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
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 ----- YEAR 2014 -----
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 ----- YEAR 2028 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2038 -----
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 ----- 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 -----								
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----- YEAR 2038 -----								

6 Input Summary.txt

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

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

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

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

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----- 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	ROCKE_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
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----- YEAR 2012 -----

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

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

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----- 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 0	61 STUART 1	62 STUART 2	63 STUART 3
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
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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
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	0.00
----- YEAR 2012 -----								
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 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	71	72	73	75	76	77	78
		ROBTMONE 1	ROBTMONE 2	ROBTMONE 3	CEREDO 1	CEREDO 2	CEREDO 3	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 -----								
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----- YEAR 2031 -----								
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----- 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	72	73	75	76	77	78
		ROBTMONE 1	ROBTMONE 2	ROBTMONE 3	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								

6 Input Summary.txt

----- 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	DARBY
5	6	1	2	3	4	5	

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	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 -----

RATIO

0.00	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

2 I&M

	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 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- 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_KPCO
	1	1	1	1	1	1	1

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO

0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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	6 Input Summary.txt 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_KPCO 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 -----								
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----- 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_REWR 1	120 BS_BFCC 1
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- YEAR 2037 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00
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----- 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	2 I&M							
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 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	0.00	0.00
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----- YEAR 2011 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES	2 I&M							
THERMAL UNIT		144	145	153	154	155	156	157

6 Input Summary.txt
 TC4_ESP 4 0 MTN_18% 1 0 0 0 0

YEAR	OWNERSHIP RATIO	TC4_ESP	0	MTN_18%	1	0	0	0	0
YEAR 2011		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									
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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	OWNERSHIP RATIO	TC4_ESP	0	MTN_18%	1	0	0	0	0
YEAR 2011		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									

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

6 Input Summary.txt

----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	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 -----
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 ----- YEAR 2040 -----

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

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	0.00	0.00
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
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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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

6 Input Summary.txt

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

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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	0.00	1.00	1.00	1.00	0.00	0.00	1.00
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----- YEAR 2012 -----

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

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

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

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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

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

RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	501	502	503	957	958	959	960
		DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	BS_BF50 957	RP2D_KP 958	RP2D_IM 959	CSV6_SCR 960
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	1.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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GENERATING COMPANIES
 THERMAL UNIT

2 I&M

961	962	963	964	965	966	967
CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MRS_NGCC
961	962	963	964	965	966	967

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

RATIO	0.00	0.00	0.00	1.00	0.00	0.00	0.00
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----- YEAR 2012 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

968	969	970	971	972	973	974
RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
968	969	970	971	972	973	974

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

RATIO	0.00	1.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----
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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	968 RP2TR_KP 968	969 RP2TR_IM 969	970 DUMMY_OP 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 973	974 DUMMY_OP 974
----- YEAR 2023 -----								
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GENERATING COMPANIES THERMAL UNIT	2 I&M	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
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GENERATING COMPANIES THERMAL UNIT	2 I&M	982	983	984	985	986	987	988
		DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987	DUMMY_OP 988
----- 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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 QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	2 I&M	982	983	984	985	986	987	988
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		982	983	984	985	986	987	988

----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
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GENERATING COMPANIES	2 I&M	989	990	991	992	993	994	995
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP
		989	990	991	992	993	994	995

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2011 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES	2 I&M	996	997	998	999
THERMAL UNIT		ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP
		996	997	998	999

OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- 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 -----
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 ----- 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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	3	APCO						
		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 ----- OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	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	3	APCO						
		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 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- 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 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	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	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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- 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	1.00	1.00	0.00	0.00	0.00	0.00	0.00
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----- 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	3							
THERMAL UNIT	APCO	29	30	31	32	33	34	35
		GLEN LYN	GLEN LYN			KAMMER	KAMMER	KAMMER
		5	6	0	0	1	2	3

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

GENERATING COMPANIES	3							
THERMAL UNIT	APCO	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 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 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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 -----
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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 -----

RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00
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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 -----
 ----- YEAR 2016 -----

RATIO	0.00	1.00	0.00	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	50	51	52	53	54	55	56
	APCO	MUSK RVR 5	P SPORN 1	P SPORN 2	P SPORN 3	P SPORN 4	P SPORN 5	PICWAY 5
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- 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 1	RPRUN_IM 1	ROCKP_IM 2		STUART 1	STUART 2	STUART 3
----- YEAR 2011 -----					0			
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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 ----- YEAR 2034 -----
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 ----- 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

RATIO 0.00 1.00 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

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 -----
 ----- 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
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2030 -----
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 ----- 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
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
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 ----- YEAR 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 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 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

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 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2021 -----
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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	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES
 THERMAL UNIT

3	APCO	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

6 Input Summary.txt

YEAR	RATIO	1.00	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								

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NewEnergy Associates
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	100	101	102	103	104	105	106
	APCO	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCO
YEAR 2023		1	1	1	1	1	1	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								

GENERATING COMPANIES THERMAL UNIT	3	107	108	109	110	111	112	113
	APCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH	IGCC OH
YEAR 2011		1	1	1	1	1	1	1
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								

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

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 -----
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 ----- 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	0.00	0.00
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----- 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	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 2035 -----

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

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

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

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

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

GENERATING COMPANIES
THERMAL UNIT

3 APCO

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

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

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

GENERATING COMPANIES

3 APCO

6 Input Summary.txt

THERMAL UNIT		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 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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----- YEAR 2021 -----								
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----- 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 -----								

GENERATING COMPANIES
THERMAL UNIT

3 APCO

		144 TC4_ESP 4	145	153 MTN_18% 1	154	155	156	157
----- 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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VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 521

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

3 APCO

		144 TC4_ESP 4	145	153 MTN_18% 1	154	155	156	157
----- YEAR 2014 -----								
----- YEAR 2015 -----								

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

	3	APCO						
	158	159	160	161	162	166	168	
	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 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
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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AEP EAST
 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 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

6 Input Summary.txt

YEAR	GENERATING COMPANIES THERMAL UNIT	3 APCO	176	177	178	179	181	182	183
2040			0	0	0	0	0	0	0
2011	OWNERSHIP RATIO	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									
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2026									
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2029									
2030									
2031									
2032									
2033									
2034									
2035									
2036									
2037									
2038									
2039									
2040									
YEAR	GENERATING COMPANIES THERMAL UNIT	3 APCO	184	185	186	187	188	189	190
2011	OWNERSHIP RATIO	RATIO	0.00	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
2021									
2022									

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- 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

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GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

----- 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 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 BS_BF50 957	958 RP2D_KP 958	959 RP2D_IM 959	960 CSV6_SCR 960
--	----------------------	----------------------	----------------------	-----------------------	-----------------------	-----------------------	------------------------

----- 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 -----
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 ----- 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
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GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	961 CSV5_SCR 961	962 DUMMY_OP 962	963 RP1D_KP 963	964 RP1D_O3 964	965 CR2_NGCC 965	966 CR1_NGCC 966	967 MR5_NGCC 967
--	------------------------	------------------------	-----------------------	-----------------------	------------------------	------------------------	------------------------

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

RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
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----- 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	3	961	962	963	964	965	966	967
THERMAL UNIT	APCO	CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MRS_NGCC
		961	962	963	964	965	966	967

----- YEAR 2017 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES	3	968	969	970	971	972	973	974
THERMAL UNIT	APCO	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		968	969	970	971	972	973	974

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	975	976	977	978	979	980	981
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	975	976	977	978	979	980	981

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----

RATIO

0.00	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

3 APCO

	975	976	977	978	979	980	981
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP

----- 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 APO

	982	983	984	985	986	987	988
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
	982	983	984	985	986	987	988

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
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 ----- YEAR 2014 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

3 APO

	989	990	991	992	993	994	995
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY KP	DUMMY OP	DUMMY OP
	989	990	991	992	993	994	995

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

OWNERSHIP RATIO	RATIO	0.00	6 Input Summary.txt 0.00 0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
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----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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GENERATING COMPANIES THERMAL UNIT	3 APCO	996	997	998	999
		ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP
		996	997	998	999
----- YEAR 2011 -----					
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO	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 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
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----- 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 -----
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 ----- 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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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 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	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

RATIO 0.00 0.00 0.00 0.00 1.00 1.00 0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- 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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2027 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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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 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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
 ----- YEAR 2012 -----
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 ----- YEAR 2035 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00
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----- 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

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2040 -----

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

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	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 -----
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RATIO 0.00 0.00 0.00 0.00 0.00 0.00

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GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

----- YEAR 2026 -----
 ----- YEAR 2027 -----
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6 Input Summary.txt

----- 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 -----
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 ----- 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
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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 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2037 -----

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

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- 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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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6 Input Summary.txt

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

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		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	RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00
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----- 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	4 KPCO							
THERMAL UNIT		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 2017 -----

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GENERATING COMPANIES	4 KPCO							
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	0.00	0.00	0.00	0.00	0.00	0.00	1.00
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----- YEAR 2012 -----

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

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

----- YEAR 2015 -----
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 ----- 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 -----
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 ----- YEAR 2028 -----

RATIO	1.00	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		4 KPCO							
		107 CC_KPCO 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 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
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-----	YEAR 2034	-----							
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-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
GENERATING COMPANIES THERMAL UNIT		4 KPCO							
		114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	117 0	118 BS1_Gas 1	119 BS_REWR 1	120 BS_BFCC 1	
-----	YEAR 2011	-----							
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
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-----	YEAR 2030	-----							
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-----	YEAR 2036	-----							
-----	YEAR 2037	-----							

6 Input Summary.txt

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

GENERATING COMPANIES THERMAL UNIT	4 KPCO												
	BS2_FGD 23	121	BS_BF50 1	122	124	CSV5_SCR 5	126	CSV6_SCR 6	127	CR1_NGCC 1	129	CR2_NGCC 2	130
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	0.00	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													
	MR5_NGCC 5	131	MR5_FGD 5	132	RP1D_IM 1	133	RP2D_IM 2	134	TAN4_FGD 4	135	RP1D_KP 1	136	RP2D_KP 2	137
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00
----- YEAR 2011 -----														
----- YEAR 2012 -----														
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 ----- 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 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
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 ----- 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
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	0.00

----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- 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	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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

6 Input Summary.txt

----- 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	0.00
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----- YEAR 2012 -----

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

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

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

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----- 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	0.00
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----- 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	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 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TRONA 4
		0						
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- 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		DUMMY_OP
		1	2	1	2	0	0

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

RATIO	0.00	1.00	1.00	1.00	1.00	0.00	0.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	501	502	503	957	958	959	960
DUMMY_IM	0	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP	RP2D_IM	CSV6_SCR
		0	0	957	958	959	960

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

RATIO	0.00	0.00	1.00	1.00	1.00	0.00	0.00
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----- 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	502	503	957	958	959	960
DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP	RP2D_IM	CSV6_SCR
0	0	0	957	958	959	960

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

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

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

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

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

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

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

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

961	962	963	964	965	966	967
CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_O3	CR2_NGCC	CR1_NGCC	MRS_NGCC
961	962	963	964	965	966	967

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

RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----

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

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

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

968	969	970	971	972	973	974
RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
968	969	970	971	972	973	974

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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RATIO	1.00	0.00	0.00	0.00	0.00	0.00
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

968	969	970	971	972	973	974
RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
968	969	970	971	972	973	974

----- YEAR 2026 -----
 ----- YEAR 2027 -----

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

	975	976	977	978	979	980	981
DUMMY_OP	975	976	977	978	979	980	981

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	982	983	984	985	986	987	988
DUMMY_OP	982	983	984	985	986	987	988

YEAR	OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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									
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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									

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	982 DUMMY_OP	983 DUMMY_OP	984 DUMMY_OP	985 DUMMY_OP	986 DUMMY_OP	987 DUMMY_OP	988 DUMMY_OP
YEAR 2038		982	983	984	985	986	987	988
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT	4 KPCO	989 DUMMY_OP	990 DUMMY_OP	991 DUMMY_OP	992 DUMMY_OP	993 DUMMY_KP	994 DUMMY_OP	995 DUMMY_OP
YEAR 2011		989	990	991	992	993	994	995
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 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	996	997	998	999
ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP	
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 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

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

----- 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 1 JANUARY =====									
THERMAL UNIT	1	2	3	4	5	6	7	1+2	3
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD		
----- YEAR 2011 -----	1	2	3	6	1	2	1	1	1
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
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----- YEAR 2029 -----									
----- YEAR 2030 -----									
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----- YEAR 2033 -----									
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----- YEAR 2035 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

===== SEASON 1 JANUARY =====
 THERMAL UNIT
 CLIFTY 15
 CLINCH R 1 16
 CLINCH R 2 17
 CLINCH R 3 18
 ROCKP_KP 1 19
 ROCKP_KP 2 20
 CSVL 1-4 3 21

----- 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 1 JANUARY =====							
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 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
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----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 1 JANUARY =====							
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	28
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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 ----- 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 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2033 -----								
----- YEAR 2034 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====		29	30	33	34	35	36	37
THERMAL UNIT								

6 Input Summary.txt

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- 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

----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE

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

----- YEAR 2014 -----
 SEASONAL HEAT RATE PROFILE

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

SEASONAL HEAT RATE PROFILE

6 Input Summary.txt

	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 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

	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 -----							
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----- YEAR 2018 -----							
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----- YEAR 2021 -----							
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 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====							
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

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- 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
		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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AEP EAST
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
		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 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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----- YEAR 2012 -----

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

6 Input Summary.txt

----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====								
THERMAL UNIT	82	83	84	85	86	87	88	
	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 -----
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----- YEAR 2030 -----
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 ----- YEAR 2036 -----

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AEP EAST
 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	DRESD2	CT_APCO	
	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 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

6 Input Summary.txt

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

===== SEASON 1 JANUARY =====
 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 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.
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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====		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
-----	YEAR 2016	1	1	1	1	1	1	1
-----	YEAR 2017							
-----	YEAR 2018							
-----	YEAR 2019							
-----	YEAR 2020							
-----	YEAR 2021							
-----	YEAR 2022							
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-----	YEAR 2031							
-----	YEAR 2032							
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-----	YEAR 2034							
-----	YEAR 2035							
-----	YEAR 2036							
-----	YEAR 2037							
-----	YEAR 2038							
-----	YEAR 2039							
-----	YEAR 2040							

===== SEASON 1 JANUARY =====		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
-----	YEAR 2011	1	1	1	1	1	1	1
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	119 BS_RPWR	120 BS_BFCC	121 BS2_FGD	122 BS_BF50	126 CSV5_SCR	127 CSV6_SCR	129 CRI_NGCC
SEASON 1 JANUARY	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 -----
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 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	119 BS_RPWR	120 BS_BFCC	121 BS2_FGD	122 BS_BF50	126 CSV5_SCR	127 CSV6_SCR	129 CRI_NGCC
SEASON 1 JANUARY	1	1	23	1	5	6	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 1 JANUARY =====
 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 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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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 1 JANUARY =====
 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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====								
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 2039 -----								
----- YEAR 2040 -----								
===== SEASON 1 JANUARY =====								
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 -----								

6 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 =====

THERMAL UNIT	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	957 BS_BF50	958 RP2D_KP	959 RP2D_IM
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	957	958	959
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- 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 -----							

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===== SEASON 1 JANUARY =====
THERMAL UNIT                960      961      962      963      964      965      966
                           CSV6_SCR  CSV5_SCR  DUMMY_OP  RP1D_KP  RP1D_03  CR2_NGCC  CRI_NGCC
                           960      961      962      963      964      965      966

----- 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                960      961      962      963      964      965      966
                           CSV6_SCR  CSV5_SCR  DUMMY_OP  RP1D_KP  RP1D_03  CR2_NGCC  CRI_NGCC
                           960      961      962      963      964      965      966

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

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===== SEASON 1 JANUARY =====
THERMAL UNIT                967      968      969      970      971      972      973
                           MR5_NGCC  RP2TR_KP  RP2TR_IM  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP
                           967      968      969      970      971      972      973

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

===== SEASON 1 JANUARY =====		974	975	976	977	978	979	980
THERMAL UNIT		DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
		974	975	976	977	978	979	980
----- 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 -----								
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----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====								
THERMAL UNIT	974	975	976	977	978	979	980	
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
	974	975	976	977	978	979	980	
----- 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	981	982	983	984	985	986	987	
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
	981	982	983	984	985	986	987	
----- 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 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2033 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								

YEAR	SEASON	JANUARY	988 DUMMY_OP	989 DUMMY_OP	990 DUMMY_OP	991 DUMMY_OP	992 DUMMY_OP	993 DUMMY_KP	994 DUMMY_OP
2039									
2040									
2011			0	0	0	0	0	0	0
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
2021									
2022									
2023									
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2040									

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	JANUARY	995 DUMMY_OP	996 ML_KP50	997 ML_KP50	998 T4_TRONA	999 DUMMY_OP
2011			0	0	0	0	0
2012							
2013							
2014							

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

----- YEAR 2031 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

		===== SEASON 2 FEBRUARY =====						
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 2023 -----							
-----	YEAR 2024 -----							
-----	YEAR 2025 -----							
-----	YEAR 2026 -----							
-----	YEAR 2027 -----							
-----	YEAR 2028 -----							
-----	YEAR 2029 -----							
-----	YEAR 2030 -----							
-----	YEAR 2031 -----							
-----	YEAR 2032 -----							
-----	YEAR 2033 -----							
-----	YEAR 2034 -----							
-----	YEAR 2035 -----							
-----	YEAR 2036 -----							
-----	YEAR 2037 -----							
-----	YEAR 2038 -----							

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----- YEAR 2039 -----		===== SEASON 2 FEBRUARY =====							
----- YEAR 2040 -----		THERMAL UNIT	15 CLIFTY	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
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0	0
----- YEAR 2011 -----									
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
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----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
===== SEASON 2 FEBRUARY =====		THERMAL UNIT	22 CSVL 1-4	23 CSVL 5+6	24 CSVL 5+6	25 D C COOK	26 D C COOK	27 GAVIN	28 GAVIN
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0	28
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0	0
----- YEAR 2011 -----									
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
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----- YEAR 2021 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----

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

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===== 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      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 2021 -----
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 ----- YEAR 2036 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====
 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 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 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 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

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.

===== SEASON 2 FEBRUARY =====			59	61	62	63	64	65	66						
THERMAL UNIT	ROCKP_IM	2	STUART	1	STUART	2	STUART	3	STUART	4	AMOS_AP	3	TANN	1-3	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 =====
 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	-----	0	0	0	0	164	164	164
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	-----							

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

75	76	77	78	79	80	81
----	----	----	----	----	----	----

		6 Input Summary.txt						
		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
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
-----	YEAR 2016 -----							
-----	YEAR 2017 -----							
-----	YEAR 2018 -----							
-----	YEAR 2019 -----							
-----	YEAR 2020 -----							
-----	YEAR 2021 -----							
-----	YEAR 2022 -----							
-----	YEAR 2023 -----							
-----	YEAR 2024 -----							
-----	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.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	75	76	77	78	79	80	81	
	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 =====								
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	
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
-----	YEAR 2016 -----							

6 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 2 FEBRUARY =====						
THERMAL UNIT		89	90	91	92	93	94	96
		LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APCO
		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	-----						
-----	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 -----

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.

```
===== 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 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----

6 Input Summary.txt

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

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

THERMAL UNIT	104	105	106	107	108	109	110
	PC_UL_IM	NUKE_IM	CT_KP_CO	CC_KP_CO	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 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	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC_OH	PC_UL_OH	NUKE_OH	CC_FA_KP	B81_Gas
	1	1	1	1	1	1	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 -----

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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.

===== 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 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 CR1_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 -----

6 Input Summary.txt

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 -----
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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 -----

===== SEASON 2 FEBRUARY =====		500	501	502	503	957	958	959
THERMAL UNIT	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP	RP2D_IM	
	0	0	0	0	957	958	959	

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

===== SEASON 2 FEBRUARY =====		500	501	502	503	957	958	959
THERMAL UNIT	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP	RP2D_IM	
	0	0	0	0	957	958	959	

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

6 Input Summary.txt

YEAR	HEAT	RATE	PROFILE					
YEAR 2011	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								

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.

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	967	968	969	970	971	972	973	
	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	967	968	969	970	971	972	973	
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	974	975	976	977	978	979	980	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	974	975	976	977	978	979	980	
YEAR 2011	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 -----
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----- YEAR 2027 -----
----- YEAR 2028 -----
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----- YEAR 2030 -----
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----- YEAR 2032 -----
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----- YEAR 2034 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

981	982	983	984	985	986	987
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP

----- YEAR 2011 -----	981	982	983	984	985	986	987
SEASONAL HEAT RATE PROFILE	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
----- YEAR 2012 -----	981	982	983	984	985	986	987
----- YEAR 2013 -----	0	0	0	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 2025 -----							
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----- YEAR 2027 -----							
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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.

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

988	989	990	991	992	993	994
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP
988	989	990	991	992	993	994

----- 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 -----						
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----- YEAR 2026 -----						
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----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
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----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

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

995	996	997	998	999
DUMMY_OP	ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP
995	996	997	998	999

6 Input Summary.txt

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 3 MARCH =====
THERMAL UNIT          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
                      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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VALUE CHANGED FROM PREVIOUS YEAR.
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6 Input Summary.txt
 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 -----							
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----- 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 -----							
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----- YEAR 2020 -----							
----- YEAR 2021 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
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----- YEAR 2032 -----							
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----- YEAR 2034 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT	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
--------------	-------------------	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------

SEASONAL HEAT RATE PROFILE

YEAR 2011	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							
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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	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 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

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 -----										
----- YEAR 2021 -----										
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----- YEAR 2031 -----										
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----- YEAR 2037 -----										
----- YEAR 2038 -----										
----- YEAR 2039 -----										
----- YEAR 2040 -----										

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 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 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3 MARCH =====		38	39	40	41	42	43	44
THERMAL UNIT		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 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3 MARCH =====		38	39	40	41	42	43	44
THERMAL UNIT		KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
		1	2	3	4	5	1	2
-----	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 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3 MARCH =====			45	46	47	48	49	50	51
THERMAL UNIT			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 -----									
----- 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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----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									

===== SEASON 3 MARCH =====			52	53	54	55	56	57	58
THERMAL UNIT			P SPORN 2	P SPORN 3	P SPORN 4	P SPORN 5	PICWAY 5	RPRET_IM 1	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 -----
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 ----- YEAR 2020 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3 MARCH =====	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 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3 MARCH =====	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 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 -----
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----- YEAR 2022 -----
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 ----- YEAR 2030 -----
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 ----- 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 -----							
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-----	YEAR 2019 -----							
-----	YEAR 2020 -----							
-----	YEAR 2021 -----							
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-----	YEAR 2034 -----							
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-----	YEAR 2036 -----							

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REP 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

----- 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 2019 -----
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----- YEAR 2021 -----
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----- YEAR 2030 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3 MARCH =====			89	90	91	92	93	94	96
THERMAL UNIT			LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APCO
			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 =====			89	90	91	92	93	94	96
THERMAL UNIT			LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APCO
			1	2	1	1	1	1	1
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									

----- YEAR 2020 -----
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 ----- 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 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
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-----	YEAR 2031 -----							
-----	YEAR 2032 -----							
-----	YEAR 2033 -----							
-----	YEAR 2034 -----							
-----	YEAR 2035 -----							

6 Input Summary.txt

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

THERMAL UNIT	===== SEASON 3 MARCH =====						
	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
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- YEAR 2026 -----							
----- YEAR 2027 -----							

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 3 MARCH =====						
	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 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
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----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	===== SEASON 3 MARCH =====						
	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

6 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 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== 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 -----
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----- YEAR 2016 -----
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----- YEAR 2026 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	MARCH	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

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

SEASON	MARCH	130	131	132	133	134	135	136
THERMAL UNIT		CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
		2	5	5	1	2	4	1

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---	---	---

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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6 Input Summary.txt

----- YEAR 2034 -----
 ----- YEAR 2035 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3 MARCH =====
 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 -----
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 ----- YEAR 2040 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3	MARCH =====											
THERMAL UNIT		189	190	191	193	194	195	196				
	RP2TR_KP	2	T4_TRONA	4	T4_TRCCR	4	ML_KP20	2	ML_KP50	1	ML_KP50	2

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

===== SEASON 3	MARCH =====											
THERMAL UNIT		500	501	502	503	957	958	959				
	DUMMY_OP	0	DUMMY_IM	0	DUMMY_AP	0	BS_BF50	957	RP2D_KP	958	RP2D_IM	959

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---	---	---

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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----- YEAR 2027 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 3 MARCH =====		960	961	962	963	964	965	966
THERMAL UNIT		CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC
		960	961	962	963	964	965	966

----- 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 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2026 -----								
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----- YEAR 2028 -----								
----- YEAR 2029 -----								

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3 MARCH =====		960	961	962	963	964	965	966
THERMAL UNIT		CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC
		960	961	962	963	964	965	966

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

6 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 =====						
THERMAL UNIT			967	968	969	970	971	972
			MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
			967	968	969	970	971	972
						970	971	973
								973

----- 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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	===== SEASON 3	MARCH =====						
THERMAL UNIT			974	975	976	977	978	979
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
			974	975	976	977	978	979
								980
								980

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

----- YEAR 2014 -----
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 ----- YEAR 2034 -----
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 ----- 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 3 MARCH =====						
	981 DUMMY OP 981	982 DUMMY OP 982	983 DUMMY OP 983	984 DUMMY OP 984	985 DUMMY OP 985	986 DUMMY OP 986	987 DUMMY OP 987
----- 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 -----							

6 Input Summary.txt

----- YEAR 2023 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

		===== SEASON 3 MARCH =====						
THERMAL UNIT		988	989	990	991	992	993	994
SEASONAL HEAT RATE PROFILE		DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY RP	DUMMY OP
		988	989	990	991	992	993	994
----- YEAR 2011 -----		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 -----

===== SEASON 3	MARCH =====					
THERMAL UNIT	995	996	997	998	999	
	DUMMY_OP	ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP	
	995	996	997	998	999	

----- YEAR 2011 -----	SEASONAL HEAT RATE 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 -----						
----- 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	995	996	997	998	999	
	DUMMY_OP	ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP	
	995	996	997	998	999	

----- YEAR 2023 -----
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 ----- 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	1

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

----- YEAR 2014 -----
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 ----- YEAR 2040 -----

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

----- 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 -----
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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 -----
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----- 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 1	D C COOK 2	GAVIN 1	GAVIN 2		
	4	5	6	1	2	1	2		

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 28

----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE 0 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 -----

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

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

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

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

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

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

===== SEASON 4	APRIL =====								
THERMAL UNIT	29	30	33	34	35	36	37		
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2		

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

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

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

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===== SEASON 4 APRIL =====
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

```

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----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 4 APRIL =====
THERMAL UNIT          38      39      40      41      42      43      44
                     KYGER    KYGER    KYGER    KYGER    KYGER    MITCHELL MITCHELL
                               1      2      3      4      5      1      2

```

```

SEASONAL HEAT RATE PROFILE      0      0      0      0      0      0      0
----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
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----- YEAR 2028 -----
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 ----- YEAR 2030 -----
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 ----- 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	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 -----									
----- 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	MUSK RVR	P SPORN
	1	1	2	3	4	5		1	
----- YEAR 2025 -----									
----- YEAR 2026 -----									
----- YEAR 2027 -----									
----- YEAR 2028 -----									
----- YEAR 2029 -----									
----- YEAR 2030 -----									
----- YEAR 2031 -----									
----- YEAR 2032 -----									
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----- YEAR 2034 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====
 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 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====
 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

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2030 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====									
THERMAL UNIT	59	61	62	63	64	65	66		
ROCKP_IM	2	STUART 1	STUART 2	STUART 3	STUART 4	AMOS_AP 3	TANN 1-3	1	
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
===== SEASON 4 APRIL =====									
THERMAL UNIT	67	68	69	70	71	72	73		
TANN 1-3	2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 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 -----									
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====		75	76	77	78	79	80	81
THERMAL UNIT		CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2040 -----								

6 Input Summary.txt

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===== SEASON 4 APRIL =====
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 -----
    
```

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NewEnergy Associates
 Strategist Page 579

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 4 APRIL =====
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 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
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----- YEAR 2033 -----
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----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
    
```

```

===== SEASON 4 APRIL =====
THERMAL UNIT
          89      90      91      92      93      94      96
          LWBG SMR  LWBG SMR  WATR CC  WATR2  DRESDEN  DRESD2  CT_APCO
          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 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====		97	98	99	100	101	102	103
THERMAL UNIT	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
	1	1	1	1	1	1	1	1
----- YEAR 2011 -----								
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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----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		97	98	99	100	101	102	103
THERMAL UNIT		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 =====		104	105	106	107	108	109	110
THERMAL UNIT		PC_UL_IM	NUKE_IM	CT_KPCCO	CC_KPCCO	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							
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-----	YEAR 2030							
-----	YEAR 2031							
-----	YEAR 2032							
-----	YEAR 2033							
-----	YEAR 2034							
-----	YEAR 2035							
-----	YEAR 2036							
-----	YEAR 2037							
-----	YEAR 2038							

6 Input Summary.txt

YEAR	SEASON	APRIL	111 CT_OHIO	112 CC_OH	113 IGCC OH	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	118 BS1_Gas
-----	YEAR 2039	-----	1	1	1	1	1	1	1
-----	YEAR 2040	-----	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	-----							
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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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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	APRIL	111 CT_OHIO	112 CC_OH	113 IGCC OH	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	118 BS1_Gas
-----	YEAR 2040	-----	1	1	1	1	1	1	1
-----	YEAR 2011	-----							
-----	YEAR 2012	-----							

YEAR	SEASON	APRIL	119 BS_RPWR	120 BS_BFCC	121 BS2_FGD	122 BS_BF50	126 CSV5_SCR	127 CSV6_SCR	129 CRI_NGCC
-----	YEAR 2011	-----	1	1	23	1	5	6	1
-----	YEAR 2012	-----	0	0	0	0	0	0	0

----- 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 2030 -----
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 ----- YEAR 2032 -----
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 ----- 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 2029 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====		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 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0	0
----- YEAR 2015 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		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 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
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----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								

6 Input Summary.txt

----- 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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

===== SEASON 4 APRIL =====
THERMAL UNIT
          500      501      502      503      957      958      959
          DUMMY_OP  DUMMY_IM  DUMMY_AP  DUMMY_KP  BS_BF50  RP2D_KP  RP2D_IM
                   0          0          0          0      957      958      959
  
```

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 4 APRIL =====							
	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 BS_BF50 957	958 RP2D_KP 958	959 RP2D_IM 959	

----- 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 =====							
	960 CSV6_SCR 960	961 CSV5_SCR 961	962 DUMMY_OP 962	963 RP1D_KP 963	964 RP1D_03 964	965 CR2_NGCC 965	966 CRI_NGCC 966	

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---	---

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT	967	968	969	970	971	972	973	
	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	967	968	969	970	971	972	973	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2039 -----								
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		974	975	976	977	978	979	980
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		974	975	976	977	978	979	980
-----	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 -----							
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-----	YEAR 2028 -----							
-----	YEAR 2029 -----							
-----	YEAR 2030 -----							
-----	YEAR 2031 -----							
-----	YEAR 2032 -----							
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-----	YEAR 2035 -----							
-----	YEAR 2036 -----							
-----	YEAR 2037 -----							
-----	YEAR 2038 -----							
-----	YEAR 2039 -----							
-----	YEAR 2040 -----							

===== SEASON 4 APRIL =====		981	982	983	984	985	986	987
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		981	982	983	984	985	986	987
-----	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 -----
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 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT	988	989	990	991	992	993	994	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	
	988	989	990	991	992	993	994	

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 2022 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4	APRIL =====							
THERMAL UNIT	988	989	990	991	992	993	994	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	
	988	989	990	991	992	993	994	

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

----- YEAR 2026 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

	===== SEASON 4	APRIL =====					
THERMAL UNIT		995	996	997	998	999	
		DUMMY_OP	ML_KP50	ML_KP50	T4_TRONA	DUMMY_OP	
		995	996	997	998	999	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
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----- YEAR 2039 -----						
----- YEAR 2040 -----						

	===== SEASON 5	MAY =====							
THERMAL UNIT		1	2	3	4	5	6	7	

6 Input Summary.txt

AMOS	1	AMOS	2	AMOS_OP	3	BECKJORD	6	BIG SAND	1	BIG SAND	2	CARD 1+2	1
------	---	------	---	---------	---	----------	---	----------	---	----------	---	----------	---

----- YEAR 2011 -----	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE												
----- YEAR 2012 -----												
----- YEAR 2013 -----												
----- YEAR 2014 -----												
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5		MAY =====													
THERMAL UNIT	8	9	10	11	12	13	14	1	2	3	4	5	6	7	
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	2	3	1	2	3	4	5	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	1	2	3	4	5	6	7
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
	2	3	1	2	3	4	5	1	2	3	6	1	2	1
----- YEAR 2011 -----	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE														
----- YEAR 2012 -----														
----- YEAR 2013 -----														
----- YEAR 2014 -----														
----- YEAR 2015 -----														
----- YEAR 2016 -----														

6 Input Summary.txt

----- YEAR 2017 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	=====	SEASON	5	MAY	=====	15	16	17	18	19	20	21
	CLIFTY	CLINCH	R	CLINCH	R	CLINCH	R	ROCKP_KP	ROCKP_KP	CSVL	1-4	3
	6	1	2	3	1	2						
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
----- YEAR 2012 -----												
----- YEAR 2013 -----												
----- YEAR 2014 -----												
----- YEAR 2015 -----												
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 ----- YEAR 2039 -----
 ----- 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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

6 Input Summary.txt

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

===== SEASON 5	MAY =====							
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 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 2029 -----

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

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

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

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

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

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

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

===== 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 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 -----

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AEP EAST
 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 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

THERMAL UNIT	SEASON 5	MAY =====						
		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 -----								
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----- YEAR 2030 -----								
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY =====						
		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

6 Input Summary.txt

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

===== SEASON 5			MAY =====						
THERMAL UNIT			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 -----									
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----- YEAR 2030 -----									
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----- YEAR 2034 -----									
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									

===== SEASON 5			MAY =====						
THERMAL UNIT			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 -----	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 -----									

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

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

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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6 Input Summary.txt

----- YEAR 2028 -----
 ----- YEAR 2029 -----
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 ----- 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 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5	MAY =====							
THERMAL UNIT	89	90	91	92	93	94	96	
	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APCO	
	1	2	1	1	1	1	1	

6 Input Summary.txt

YEAR	HEAT	RATE	PROFILE					
----- 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 -----								
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----- YEAR 2027 -----								

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5							
	MAY	89	90	91	92	93	94	96
	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APCO	
	1	2	1	1	1	1	1	
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
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----- YEAR 2037 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

THERMAL UNIT	SEASON 5							
	MAY	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	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								

6 Input Summary.txt

----- YEAR 2018 -----
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 ----- 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
		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 -----							
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-----	YEAR 2019 -----							
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-----	YEAR 2029 -----							
-----	YEAR 2030 -----							
-----	YEAR 2031 -----							
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----- YEAR 2034 -----
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----- YEAR 2039 -----

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REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5	MAY =====						
THERMAL UNIT		104	105	106	107	108	109
		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP
		1	1	1	1	1	1
							110
							NUKE_KP
							1

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

===== SEASON 5	MAY =====						
THERMAL UNIT		111	112	113	114	115	116
		CT_OHIO	CC_OH	IGCC_OH	PC_UL_OH	NUKE_OH	CC_FA_KP
		1	1	1	1	1	1
							118
							BS1_Gas
							1

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---	---

----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2021 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 5 MAY =====

6 Input Summary.txt

THERMAL UNIT	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
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 2040 -----							

THERMAL UNIT	130 CR2_NGCC	131 MR5_NGCC	132 MR5_FGD	133 RP1D_IM	134 RP2D_IM	135 TAN4_FGD	136 RP1D_KP
===== SEASON 5 MAY =====	2	5	5	1	2	4	1
----- YEAR 2011 -----	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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===== SEASON 5      MAY =====
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 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 5      MAY =====
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 -----
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----- YEAR 2030 -----

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----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5		MAY =====						
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 -----								
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5		MAY =====						
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 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								

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

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

===== SEASON 5	MAY =====							
THERMAL UNIT	500	501	502	503	957	958	959	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BF50	RP2D_KP	RP2D_IM	
	0	0	0	0	957	958	959	

----- 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 5	MAY =====							
THERMAL UNIT	960	961	962	963	964	965	966	
	CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	
	960	961	962	963	964	965	966	

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

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

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

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	MAY =====							
	967 MR5_NGCC 967	968 RP2TR_KP 968	969 RP2TR_IM 969	970 DUMMY_OP 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 973	
===== SEASON 5								
----- 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 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								

6 Input Summary.txt

----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

			===== SEASON 5 MAY =====						
THERMAL UNIT			974	975	976	977	978	979	980
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
			974	975	976	977	978	979	980
-----	YEAR 2011	-----	0	0	0	0	0	0	0
SEASONAL	HEAT RATE PROFILE								

----- YEAR 2012 -----
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			===== SEASON 5 MAY =====						
THERMAL UNIT			981	982	983	984	985	986	987
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
			981	982	983	984	985	986	987
-----	YEAR 2011	-----	0	0	0	0	0	0	0
SEASONAL	HEAT RATE PROFILE								
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							

----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2021 -----
----- YEAR 2022 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
♀ 02/07/13 15:37:02 V04.0 R03.0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5	MAY =====							
THERMAL UNIT	981	982	983	984	985	986	987	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	981	982	983	984	985	986	987	

----- YEAR 2023 -----
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----- YEAR 2040 -----

===== SEASON 5	MAY =====							
THERMAL UNIT	988	989	990	991	992	993	994	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	988	989	990	991	992	993	994	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2018 -----								
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----- YEAR 2020 -----								
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