

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	1 SO2 (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 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	1 SO2 (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	0.69
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.69
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

3B Input Summary.txt

Year	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
2014								
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61
2016								
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

Effluent Thermal Unit	1 SO2 (E)							
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_16% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
2026								
2027								
2028								
2029								
2030								
2031								
2032								
2033								
2034								
2035								
2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52
2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52
2038								
2039								
2040								
Effluent Thermal Unit	1 SO2 (E)							
	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2	
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

----- YEAR 2013 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	1 S02 (E)	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
	201	0	0	0	0	955	956
	0	0	0	0	0	955	956
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 S02 (E)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
		0	0	0	0	0	955	956
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----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	1 S02 (E)	957 CT_KPC0	958 CT_KPC0	959 RP2D_KP	960 RP2D_IM	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP
		957	958	959	960	961	962	963
		0	0	0	0	0	0	0
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- YEAR 2040 -----

EFFLUENT	1 S02 (E)							
THERMAL UNIT		964	965	966	967	968	969	970
		BS_RPWR	RPID_KP	RPID_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MRS_NGCC
		964	965	966	967	968	969	970

----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	1 S02 (E)							
THERMAL UNIT		964	965	966	967	968	969	970
		BS_RPWR	RPID_KP	RPID_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MRS_NGCC
		964	965	966	967	968	969	970

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

EFFLUENT THERMAL UNIT	3B Input Summary.txt						
	1 S02 (E)						
	971 RP2TR_KP 971	972 RP2TR_IM 972	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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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----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	1 S02 (E)						
	978						
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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 2040 -----

EFFLUENT THERMAL UNIT	1 SO2 (E)							
	985 DUMMY_OP	986 DUMMY_OP	987 DUMMY_OP	988 DUMMY_OP	989 DUMMY_OP	990 DUMMY_OP	991 DUMMY_OP	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)							
	985 DUMMY_OP	986 DUMMY_OP	987 DUMMY_OP	988 DUMMY_OP	989 DUMMY_OP	990 DUMMY_OP	991 DUMMY_OP	
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	1 S02 (E)							T4_TRONA 998
	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	1 S02 (E)
	999 DUMMY_OP 999


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----- YEAR 2011 -----
EMISSIONS DATA AT MAXIMUM      0.00
EMISSIONS DATA AT MINIMUM     0.00
EMISSIONS DATA PROFILE         0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- 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.

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EFFLUENT          1 S02 (E)
THERMAL UNIT      999
                  DUMMY_OP
                  999

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----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

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EFFLUENT          2 CO2 (S)
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
----- 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 -----
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----- YEAR 2016 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	CARD 1+2 8 2	CARD 3 9 3	CLIFTY 10 1	CLIFTY 11 2	CLIFTY 12 3	CLIFTY 13 4	CLIFTY 14 5
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	209.93	209.93	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	209.93	209.93	0.00	0.00	0.00	0.00	0.00
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2030 -----
----- YEAR 2031 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2032 -----
----- YEAR 2033 -----
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----- YEAR 2040 -----

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

----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	205.30	205.30	205.30	211.74	211.74	205.30	
EMISSIONS DATA AT MINIMUM	0.00	205.30	205.30	205.30	211.74	211.74	205.30	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
----- YEAR 2013 -----
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EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	22 CSV1 1-4 4	23 CSV1 5+6 5	24 CSV1 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	22 CSV1 1-4 4	23 CSV1 5+6 5	24 CSV1 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2	
----- YEAR 2040 -----								

3B Input Summary.txt

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAHA 1	37 KANAHA 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 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	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 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								

----- YEAR 2022 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)							P SPORN
	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	208.38	205.30	205.30	205.30	205.30	205.30	205.30	
EMISSIONS DATA AT MINIMUM	208.38	205.30	205.30	205.30	205.30	205.30	205.30	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	209.88	205.30	205.30	205.30	205.30	205.30	205.30	
EMISSIONS DATA AT MINIMUM	209.88	205.30	205.30	205.30	205.30	205.30	205.30	
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	208.38	205.30	205.30	205.30	205.30	205.30	205.30	
EMISSIONS DATA AT MINIMUM	208.38	205.30	205.30	205.30	205.30	205.30	205.30	

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 (\$)							P SPORN
	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1	
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								

3B Input Summary.txt

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

EFFLUENT
 THERMAL UNIT

2 CO2 (\$)

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

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

	205.30	205.30	205.30	205.30	205.30	211.74	211.74
	205.30	205.30	205.30	205.30	205.30	211.74	211.74
	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2027 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT

2 CO2 (\$)

THERMAL UNIT	3B Input Summary.txt						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	211.74	209.93	209.93	209.93	209.93	208.40	205.30
EMISSIONS DATA AT MINIMUM	211.74	209.93	209.93	209.93	209.93	208.40	205.30
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 322

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DARBY 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2027 -----
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----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	75	76	77	78	79	80	81	
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1	
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 1	96 CT_APC0 1	
----- YEAR 2011 -----								
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 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.

EFFLUENT 2 CO2 (\$)

THERMAL UNIT	3B Input Summary.txt						
	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	205.30	205.30	0.00	0.00	0.00	205.30
EMISSIONS DATA AT MINIMUM	0.00	205.30	205.30	0.00	0.00	0.00	205.30
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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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	2 CO2 (S)						
	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	205.30	0.00	0.00	0.00	205.30	205.30	0.00
EMISSIONS DATA AT MINIMUM	205.30	0.00	0.00	0.00	205.30	205.30	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	111 CT_OHIO	112 CC_OH	113 IGCC OH	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	118 BS1_Gas
	1	1	1	1	1	1	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	205.30	205.30	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	205.30	205.30	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	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 CR1_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 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	205.30	212.58	212.58	212.03	212.58

	0.00	0.00	205.30	212.58	212.58	212.03	212.58
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
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----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							

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NewEnergy Associates
Strategist Page 326

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)							
	130 CR2_MGCC 2	131 MR5_MGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_18% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	212.58	211.22	177.79	212.58	211.74	211.74	211.74
EMISSIONS DATA AT MINIMUM	212.58	211.22	177.79	212.58	211.74	211.74	211.74
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							

----- YEAR 2017 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)	189 RP2TR_KP 2	190 T4_TROMA 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		211.74	211.22	211.22	208.77	208.77	208.77	208.77
EMISSIONS DATA AT MINIMUM		211.74	211.22	211.22	208.77	208.77	208.77	208.77
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	189 RP2TR_KP 2	190 T4_TROMA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
----- YEAR 2040 -----							
EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	201 0	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 CT_KPC0 955	956 CT_KPC0 956
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	957 CT_KPC0 957	958 CT_KPC0 958	959 RP2D_KP 959	960 RP2D_IH 960	961 CSV6_SCR 961	962 CSV5_SCR 962	963 DUMMY_OP 963
EMISSIONS DATA AT MAXIMUM	0.00	0.00	212.58	212.58	210.66	210.66	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	212.58	212.58	210.66	210.66	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	964 BS_RPWR 964	965 RP1D_KP 965	966 RP1D_03 966	967 DUMMY_KP 967	968 CR2_NGCC 968	969 CR1_NGCC 969	970 MR5_NGCC 970
EMISSIONS DATA AT MAXIMUM	0.00	212.58	212.58	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	212.58	212.58	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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3B Input Summary.txt
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)	964	965	966	967	968	969	970
		BS_RPWR	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC
		964	965	966	967	968	969	970
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----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	2 CO2 (\$)	971	972	973	974	975	976	977
		RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM								
EMISSIONS DATA AT MINIMUM								
EMISSIONS DATA PROFILE								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	978 DUMMY_OP	979 DUMMY_OP	980 DUMMY_OP	981 DUMMY_OP	982 DUMMY_OP	983 DUMMY_OP	984 DUMMY_OP	
	978	979	980	981	982	983	984	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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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 (\$)							
	978 DUMMY_OP	979 DUMMY_OP	980 DUMMY_OP	981 DUMMY_OP	982 DUMMY_OP	983 DUMMY_OP	984 DUMMY_OP	
	978	979	980	981	982	983	984	

----- YEAR 2026 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

3B Input Summary.txt

----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	985	986	987	988	989	990	991
	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	992	993	994	995	996	997	998
	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995	DUMMY_OP 996	DUMMY_OP 997	T4_TRONA 998
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	211.22
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	211.22
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

----- YEAR 2014 -----
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (\$)							
THERMAL UNIT		992	993	994	995	996	997	998
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TROMA
		992	993	994	995	996	997	998

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

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

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

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

EFFLUENT THERMAL UNIT	3 CO2 (G)							7 CARD 1+2 1
	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	6 BIG SAND	
----- 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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 ----- YEAR 2034 -----

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	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	

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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EFFLUENT 3 CO2 (G)

THERMAL UNIT	3B Input Summary.txt						
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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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----- YEAR 2013 -----							
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----- 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
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- YEAR 2020 -----							
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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	3 CO2 (G)							
	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2	
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
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----- 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
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EFFLUENT THERMAL UNIT	3 CO2 (G)							
	KYGER 38 1	KYGER 39 2	KYGER 40 3	KYGER 41 4	KYGER 42 5	MITCHELL 43 1	MITCHELL 44 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	KYGER 38 1	KYGER 39 2	KYGER 40 3	KYGER 41 4	KYGER 42 5	MITCHELL 43 1	MITCHELL 44 2	
----- YEAR 2032 -----								
----- YEAR 2033 -----								
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3B Input Summary.txt

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
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3B Input Summary.txt

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EFFLUENT THERMAL UNIT	3 CO2 (G)							
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTHONE 1	72 ROBTHONE 2	73 ROBTHONE 3	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	118.85	118.85	118.85	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	118.85	118.85	118.85	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
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----- YEAR 2038 -----								
----- YEAR 2039 -----								

3B Input Summary.txt

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

EFFLUENT	3 CO2 (G)	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 -----

EMISSIONS DATA AT MAXIMUM		118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM		118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EFFLUENT	3 CO2 (G)	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 -----

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 -----

3B Input Summary.txt

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 1	96 CT_APC0 1

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

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

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

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

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

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

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

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

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

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

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	97 CC_APC0 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1

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

EMISSIONS DATA AT MAXIMUM	116.00	0.00	0.00	0.00	116.00	116.00	0.00
EMISSIONS DATA AT MINIMUM	116.00	0.00	0.00	0.00	116.00	116.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3B Input Summary.txt

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	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	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 -----							
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----- YEAR 2020 -----							
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	116.00	116.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	116.00	116.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							

3B Input Summary.txt

----- YEAR 2028 -----
 ----- YEAR 2029 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
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 ----- 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 -----
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 ----- 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

3B Input Summary.txt

YEAR	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA PROFILE	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0	0	0	0	0	0
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
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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	3 CO2 (G)	189 RP2TR_KP	190 T4_TRONA	191 T4_TRCCR	193 ML_KP20	194 ML_KP20	195 ML_KP50	196 ML_KP50
		2	4	4	1	2	1	2

YEAR 2026
YEAR 2027
YEAR 2028
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YEAR 2030
YEAR 2031
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YEAR 2035
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YEAR 2037
YEAR 2038
YEAR 2039
YEAR 2040

EFFLUENT THERMAL UNIT	3 CO2 (G)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KP50	956 CT_KP50
		0	0	0	0	0	955	956

YEAR	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA PROFILE	0.00	0.00	0.00	0.00	0.00	116.00	116.00
2011	0.00	0.00	0	0	0	0	0	0	116.00	116.00
2012										
2013										
2014										
2015										

----- YEAR 2016 -----
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 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

3 CO2 (G)

	957	958	959	960	961	962	963
CT_KP	CT_KP	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	
957	958	959	960	961	962	963	

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
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 ----- YEAR 2030 -----

116.00	116.00	0.00	0.00	0.00	0.00	0.00	0.00
116.00	116.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0

----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	116.00	0.00	0.00	0.00	116.00	116.00	116.00
EMISSIONS DATA AT MINIMUM	116.00	0.00	0.00	0.00	116.00	116.00	116.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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EFFLUENT THERMAL UNIT	3 CO2 (G)							
	971 RP2TR_KP 971	972 RP2TR_IM 972	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2012 -----
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EFFLUENT THERMAL UNIT	3 CO2 (G)							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	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 15:53:15 V04.0 R03.0

3B Input Summary.txt

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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EFFLUENT THERMAL UNIT	3 CO2 (G)						
	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	3 CO2 (G)							T4_TRONA 998
	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							T4_TRONA 998
	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998	
----- 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 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

3 CO2 (G) 999
 DUMMY_OP
 999

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

0.00
 0.00
 0

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

4 NOX (B)		1	2	3	4	5	6	7
		AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
		1	2	3	6	1	2	1
EMISSIONS DATA AT MAXIMUM		0.48	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

3B Input Summary.txt

Year	Max Emissions	Min Emissions	Other 1	Other 2	Other 3	Other 4	Other 5
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
----- YEAR 2017 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
----- YEAR 2018 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
----- YEAR 2019 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
----- YEAR 2020 -----							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
----- YEAR 2021 -----							
----- YEAR 2022 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

Effluent Thermal Unit	4 NOX (B)						
	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 -----							

Effluent Thermal Unit	4 NOX (B)						
	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5

3B Input Summary.txt

----- 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

----- YEAR 2012 -----
 EMISSIONS DATA AT MAXIMUM 0.49 0.51 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.49 0.51 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA PROFILE 9 52 0 0 0 0 0

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

4 NOX (B) 15 16 17 18 19 20 21
 CLIFTY 6 CLINCH R 1 CLINCH R 2 CLINCH R 3 ROCKP_KP 1 ROCKP_KP 2 CSVL 1-4 3

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 MOX (B)							
	15	16	17	18	19	20	21	
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4	
	6	1	2	3	1	2	3	
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	4 MOX (B)							
	22	23	24	25	26	27	28	
	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
	4	5	6	1	2	1	2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.64	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 -----								
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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 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2036 -----
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 ----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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3B Input Summary.txt
 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.51	0.47	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.51	0.47	
EMISSIONS DATA PROFILE	0	0	0	0	0	30	31	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	4 NOX (B)						
	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.70	5.80	4.60	5.38	3.51	0.57	2.79
EMISSIONS DATA AT MINIMUM	0.70	5.80	4.60	5.38	3.51	0.57	2.79
EMISSIONS DATA PROFILE	33	34	35	36	37	38	39
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
EMISSIONS DATA PROFILE	32	34	35	36	37	38	39
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)						
	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	2.67	2.81	2.87	2.68	8.40	1.84	1.84
EMISSIONS DATA AT MINIMUM	2.67	2.81	2.87	2.68	8.40	1.84	1.84
EMISSIONS DATA PROFILE	40	41	42	43	44	45	45
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	2.67	2.47	2.53	2.68	8.40	1.84	1.84
EMISSIONS DATA AT MINIMUM	2.67	2.47	2.53	2.68	8.40	1.84	1.84
EMISSIONS DATA PROFILE	40	27	59	43	44	45	45
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	52 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 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	1.84	1.15	1.17	1.15	1.27	0.67	3.12
EMISSIONS DATA AT MINIMUM	1.84	1.15	1.17	1.15	1.27	0.67	3.12
EMISSIONS DATA PROFILE	46	0	0	0	0	3	68
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	1.84	1.15	1.17	1.15	1.27	0.67	2.39
EMISSIONS DATA AT MINIMUM	1.84	1.15	1.17	1.15	1.27	0.67	2.39
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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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 -----							

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTHONE 1	72 ROBTHONE 2	73 ROBTHONE 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

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)						
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTHONE 1	72 ROBTHONE 2	73 ROBTHONE 3
----- YEAR 2019 -----							
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
----- YEAR 2020 -----							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							

3B Input Summary.txt

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

EFFLUENT	4 NOX (B)						
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 -----							
EMISSIONS DATA AT MAXIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.39
EMISSIONS DATA AT MINIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.39
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT	4 NOX (B)						
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 -----							
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

3B Input Summary.txt

Year	Max	Min	Max	Min	Max	Min	Max	Min
2014	0.39	0.39	0.39	0.39	0.39	0.39	0.08	0.08
2015	0.39	0.39	0.39	0.39	0.39	0.39	0.08	0.08
2016	0.39	0.39	0.39	0.39	0.39	0.39	0.08	0.08
2017	0.39	0.39	0.39	0.39	0.39	0.39	0.08	0.08
2018	0.39	0.39	0.39	0.39	0.39	0.39	0.08	0.08
2019	0.39	0.39	0.39	0.39	0.39	0.39	0.08	0.08

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 348

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

Effluent Thermal Unit	4 NOX (B)							
	DARBY 82	DARBY 83	DARBY 84	DARBY 85	DARBY 86	LWBG WIN 87	LWBG WIN 88	
	2	3	4	5	6	1	2	
2020	0.39	0.39	0.39	0.39	0.39	0.08	0.08	
2021	0.39	0.39	0.39	0.39	0.39	0.08	0.08	

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

Effluent Thermal Unit	4 NOX (B)						
	LWBG SMR 89	LWBG SMR 90	WATR CC 91	WATR2 92	DRESDEN 93	DRESD2 94	CT_APC0 96
	1	2	1	1	1	1	1
2011	0.09	0.08	0.09	0.09	0.13	0.09	0.12
2012	0.09	0.09	0.09	0.09	0.13	0.09	0.12

3B Input Summary.txt

Year	Maximum Emissions	Minimum Emissions	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
----- YEAR 2013 -----									
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.09	0.13	0.09	0.12	
EMISSIONS DATA AT MINIMUM	0.09	0.08	0.09	0.09	0.09	0.13	0.09	0.12	
----- YEAR 2014 -----									
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.09	0.13	0.08	0.12	
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.09	0.13	0.08	0.12	
----- YEAR 2015 -----									
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.09	0.13	0.08	0.12	
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.09	0.13	0.08	0.12	
----- YEAR 2016 -----									
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.08	0.13	0.08	0.12	
EMISSIONS DATA AT MINIMUM	0.08	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	0.09	0.13	0.08	0.12	
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.09	0.13	0.08	0.12	
----- YEAR 2018 -----									
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.09	0.13	0.08	0.12	
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.09	0.13	0.08	0.12	
----- YEAR 2019 -----									
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.08	0.13	0.08	0.12	
EMISSIONS DATA AT MINIMUM	0.08	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	0.08	0.13	0.08	0.12	
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.08	0.13	0.08	0.12	
----- YEAR 2021 -----									
----- YEAR 2022 -----									
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----- YEAR 2031 -----									
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----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
EFFLUENT	4 NOX (B)								
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 -----									
EMISSIONS DATA AT MAXIMUM	0.08	0.50	0.62	0.00	0.12	0.08	0.50		
EMISSIONS DATA AT MINIMUM	0.08	0.50	0.62	0.00	0.12	0.08	0.50		
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0		
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	4 NOX (B)						
	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.62	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 -----							
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)						
	111 CT_OHIO	112 CC_OH	113 IGCC OH	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	118 BS1_Gas
	1	1	1	1	1	1	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.12	0.08	0.50	0.62	0.00	0.06	0.07
EMISSIONS DATA AT MINIMUM	0.12	0.08	0.50	0.62	0.00	0.06	0.07
EMISSIONS DATA PROFILE	0	0	0	0	0	0	5

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							

3B Input Summary.txt

----- YEAR 2033 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)						
	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 CR1_NGCC 1
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.45	0.08	0.36	0.35	0.08
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.45	0.08	0.36	0.35	0.08
EMISSIONS DATA PROFILE	0	0	7	0	60	61	0

----- YEAR 2011 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)						
	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	0.08	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 2011 -----
 ----- 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	4 NOX (B)	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	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 -----								
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

4 NOX (B)

	189 RP2TR_KP 2	190 T4_TROMA 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 -----
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 ----- YEAR 2035 -----

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
	0	0	0	0	0	955	956

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

EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.41	0.41
EMISSIONS DATA AT MINIMUM	2.18	0.00	0.00	0.00	0.00	0.41	0.41
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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NewEnergy Associates
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
	0	0	0	0	0	955	956

----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)	957	958	959	960	961	962	963
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	3B Input Summary.txt						
CT_KPC0	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	
957	958	959	960	961	962	963	

----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.41	0.41	1.51	0.40	0.35	0.36	0.00
EMISSIONS DATA AT MINIMUM	0.41	0.41	1.51	0.40	0.35	0.36	0.00
EMISSIONS DATA PROFILE	0	0	0	67	61	60	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
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----- YEAR 2030 -----							
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----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT
THERMAL UNIT

4 NOX (B)

	964	965	966	967	968	969	970
BS_RPWR	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	
964	965	966	967	968	969	970	

----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.38	0.40	0.00	0.08	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.08	0.38	0.40	0.00	0.08	0.08	0.08
EMISSIONS DATA PROFILE	0	0	66	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	964 BS_RPWR	965 RP1D_KP	966 RP1D_03	967 DUMMY_KP	968 CR2_NGCC	969 CR1_NGCC	970 MR5_NGCC
	964	965	966	967	968	969	970
	964	965	966	967	968	969	970

----- YEAR 2026 -----
 ----- YEAR 2027 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)						
	971 RP2TR_KP	972 RP2TR_IM	973 DUMMY_OP	974 DUMMY_OP	975 DUMMY_OP	976 DUMMY_OP	977 DUMMY_OP
	971	972	973	974	975	976	977
	971	972	973	974	975	976	977

----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	1.73	1.73	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	1.73	1.73	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	46	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	4 NOX (B)							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
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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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)							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)						
	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998 T4_TRONA 998
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	2.70
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	2.70
EMISSIONS DATA PROFILE	0	0	0	0	0	0	51

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

----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT 4 NOX (B) 999
 THERMAL UNIT DUMMY_OP 999

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

EFFLUENT 4 NOX (B) 999
 THERMAL UNIT DUMMY_OP 999

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----

3B Input Summary.txt

----- YEAR 2024 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR SO2							7 CARD 1+2 1
	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND		
	1	2	3	6	1	2		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.59	1.59	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.59	1.59	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.66	1.66	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.66	1.66	0.00	
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.60	1.60	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.60	1.60	0.00	
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.58	1.58	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.58	1.58	0.00	
----- YEAR 2015 -----								
----- YEAR 2016 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	3.90	3.90	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	3.90	3.90	0.00	
----- YEAR 2017 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.16	4.16	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.16	4.16	0.00	
----- YEAR 2018 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.04	4.04	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.04	4.04	0.00	
----- YEAR 2019 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.19	4.19	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.19	4.19	0.00	
----- YEAR 2020 -----								
----- YEAR 2021 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.22	4.22	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.22	4.22	0.00	
----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.24	4.24	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.24	4.24	0.00	
----- YEAR 2023 -----								
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----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								

----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR SO2							
	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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2							
	8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1	11 CLIFTY 2	12 CLIFTY 3	13 CLIFTY 4	14 CLIFTY 5	

----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2035 -----

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	5 NSR S02						
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSV L 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 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	5 NSR S02						
	22 CSV L 1-4 4	23 CSV L 5+6 5	24 CSV L 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

3B Input Summary.txt

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2	22	23	24	25	26	27	28
THERMAL UNIT	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
	4	5	6	1	2	1	2	

----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2040 -----

EFFLUENT	5 NSR SO2	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	

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

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

EFFLUENT THERMAL UNIT	5 NSR SO2							
	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2	
----- YEAR 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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----- YEAR 2013 -----								
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 VALUE CHANGED FROM PREVIOUS YEAR.
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EFFLUENT THERMAL UNIT	5 NSR S02	38	39	40	41	42	43	44
	KYGER	1	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
			2	3	4	5	1	2
----- YEAR 2026 -----								
----- YEAR 2027 -----								
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----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	5 NSR S02	45	46	47	48	49	50	51
	MOUNT_ER	1	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
			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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3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	5 NSR SO2							
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2							
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1	
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	5 NSR SO2							
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

EMISSIONS DATA AT MINIMUM	0.00	3B Input Summary.txt			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

5 NSR SO2	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 -----							
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							81 DARBY
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6		
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.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2							81 DARBY
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6		
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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3B Input Summary.txt

----- YEAR 2032 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR S02							
	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 -----								
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 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR S02						
	89	90	91	92	93	94	96
	LWBG SMR 1	LWBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESD2 1	CT_APC0 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR S02							
	89 LWBG SMR	90 LWBG SMR	91 WATR CC	92 WATR2	93 DRESDEN	94 DRESD2	96 CT_APC0	
	1	2	1	1	1	1	1	1

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR S02						
	97 CC_APC0	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

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

EFFLUENT THERMAL UNIT	5 MSR S02	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		0.00	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 -----								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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3B Input Summary.txt

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2							
	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	5 NSR SO2							
	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	3B Input Summary.txt							
	5 MSR S02	119 BS_RPWR 1	120 BS_BFCC 1	121 ES2 FGD 23	122 BS_BF50 1	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CRI_NGCC 1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.08	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.08	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	1.66	0.00	0.00	0.00	0.00
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	1.60	0.00	0.00	0.00	0.00
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	1.58	0.00	0.00	0.00	0.00
----- YEAR 2015 -----								
----- YEAR 2016 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2017 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2018 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2019 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.11	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.11	0.00	0.00	0.00	0.00
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								

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VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 MSR S02						
	119 BS_RPWR 1	120 BS_BFCC 1	121 ES2 FGD 23	122 BS_BF50 1	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CRI_NGCC 1
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT 5 MSR S02

THERMAL UNIT	3B 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	0.00	0.00	0.00	0.00	0.00	0.00	0.75
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.75
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.82
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.82
----- YEAR 2014 -----							
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.79
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.79
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.12
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.12
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	5 NSR S02						
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_18% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00

YEAR	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR S02	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 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR S02	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	

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

EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.14	0.14	0.14	0.14	0.14

EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.14	0.14	0.14	0.14	0.14

EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.15	0.15	0.15	0.15	0.15
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.15	0.15	0.15	0.15	0.15

EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14	0.14

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

3B Input Summary.txt

Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MAXIMUM	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MAXIMUM	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MAXIMUM	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
EMISSIONS DATA AT MINIMUM	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
EFFLUENT THERMAL UNIT	201	0	500	0	501	0	502	0	503	0	955	0	956	0	955	0	956	0	955	0	956	0	955	0
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	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	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	0	0	0	0	0	0	0	0	0	0

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR S02	201	500	501	502	503	955	956
		0	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	CT_KPC0 955	CT_KPC0 956
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	5 NSR S02	957	958	959	960	961	962	963
		CT_KPC0 957	CT_KPC0 958	RP2D_KP 959	RP2D_IM 960	CSV6_SCR 961	CSV5_SCR 962	DUMMY_OP 963
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.87	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.87	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.98	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.98	0.00	0.00	0.00	0.00
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	1.06	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	1.06	0.00	0.00	0.00	0.00
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.53	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.53	0.00	0.00	0.00	0.00
----- YEAR 2015 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.47	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.47	0.00	0.00	0.00	0.00
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.47	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	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 -----								

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	5 NSR SO2						
	964 BS_RPWR 964	965 RP1D_KP 965	966 RP1D_03 966	967 DUMMY_KP 967	968 CR2_NGCC 968	969 CR1_NGCC 969	970 MR5_NGCC 970
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.75	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.75	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.82	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.82	0.00	0.00	0.00	0.00	0.00
----- YEAR 2014 -----							
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.79	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.79	0.00	0.00	0.00	0.00	0.00
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.12	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.12	0.00	0.00	0.00	0.00	0.00
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR S02							
	971 RP2TR_KP 971	972 RP2TR_IM 972	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00	
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00	
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00	
----- YEAR 2015 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
	5 NSR S02							
EFFLUENT THERMAL UNIT	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

EMISSIONS DATA AT MINIMUM	0.00	3B Input Summary.txt			0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

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

EFFLUENT	5 NSR S02	985	986	987	988	989	990	991
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		985	986	987	988	989	990	991

----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR S02	985	986	987	988	989	990	991
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		985	986	987	988	989	990	991

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	5 NSR SO2	992	993	994	995	996	997	998
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA
	992	993	994	995	996	997	998	
----- 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 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

3B Input Summary.txt

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

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

EFFLUENT
THERMAL UNIT

6 HG (E)

	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
	1	2	3	6	1	2	1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.01	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 -----

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

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

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

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

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

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

----- 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)

	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							

3B Input Summary.txt

----- 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

6 HG (E)

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

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

0.00	0.01	0.01	0.00	0.00	0.00	0.00
0.00	0.01	0.01	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0

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

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)							
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAUHA 1	37 KANAUHA 2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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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)							
	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	
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 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E) 45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.01	0.01	0.01	0.01	0.01	0.01
EMISSIONS DATA AT MINIMUM	0.00	0.01	0.01	0.01	0.01	0.01	0.01
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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) 45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1
--------------------------	---------------------------------	---------------------	---------------------	---------------------	---------------------	---------------------	--------------------

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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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 RPRUM_IM 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.01	0.01	0.01	0.01	0.02	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.01	0.01	0.01	0.01	0.02	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							

3B Input Summary.txt

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

EFFLUENT	6 HG (E)						
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 -----							
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 -----
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 ----- 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.

EFFLUENT	6 HG (E)						
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 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

3B Input Summary.txt

EFFLUENT THERMAL UNIT	6 HG (E)							
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- 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	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								

----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

EFFLUENT	6 HG (E)	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 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

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

3B 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	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_APC0 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- 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 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)						
	97 CC_APC0 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
----- YEAR 2011 -----							

3B Input Summary.txt

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)	97	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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)	104	105	106	107	108	109	110
		PC_UL_IM	NUKE_IM	CT_KPCCO	CC_KPCCO	IGCC KP	PC_UL_KP	NUKE_KP
		1	1	1	1	1	1	1

YEAR 2011	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 2019 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)						
	111 CT_OHIO	112 CC_OH	113 IGCC OH	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	118 BS1_Gas
	1	1	1	1	1	1	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							

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3B Input Summary.txt
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	111	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
	1	1	1	1	1	1	1
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- 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	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	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 -----							
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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 -----							

3B Input Summary.txt

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	6 HG (E)						
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_18% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1
----- YEAR 2011 -----							

		3B 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 -----
 ----- 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 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	6 HG (E)						
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 -----							
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 2025 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
		0	0	0	0	0	955	956
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
		0	0	0	0	0	955	956
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2024 -----								
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----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								

3B Input Summary.txt

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	957	958	959	960	961	962	963
	CT_KPC0	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP
	957	958	959	960	961	962	963
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	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 2030 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)						
	964	965	966	967	968	969	970
	BS_RPWR	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC
	964	965	966	967	968	969	970
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	964 BS_RPWR	965 RP1D_KP	966 RP1D_03	967 DUMMY_KP	968 CR2_NGCC	969 CR1_NGCC	970 MR5_NGCC
----- YEAR 2022 -----	964	965	966	967	968	969	970
----- YEAR 2023 -----	964	965	966	967	968	969	970
----- YEAR 2024 -----	964	965	966	967	968	969	970
----- YEAR 2025 -----	964	965	966	967	968	969	970
----- YEAR 2026 -----	964	965	966	967	968	969	970
----- YEAR 2027 -----	964	965	966	967	968	969	970
----- YEAR 2028 -----	964	965	966	967	968	969	970
----- YEAR 2029 -----	964	965	966	967	968	969	970
----- YEAR 2030 -----	964	965	966	967	968	969	970
----- YEAR 2031 -----	964	965	966	967	968	969	970
----- YEAR 2032 -----	964	965	966	967	968	969	970
----- YEAR 2033 -----	964	965	966	967	968	969	970
----- YEAR 2034 -----	964	965	966	967	968	969	970
----- YEAR 2035 -----	964	965	966	967	968	969	970
----- YEAR 2036 -----	964	965	966	967	968	969	970
----- YEAR 2037 -----	964	965	966	967	968	969	970
----- YEAR 2038 -----	964	965	966	967	968	969	970
----- YEAR 2039 -----	964	965	966	967	968	969	970
----- YEAR 2040 -----	964	965	966	967	968	969	970

EFFLUENT THERMAL UNIT	6 HG (E)						
	971 RP2TR_KP	972 RP2TR_IM	973 DUMMY_OP	974 DUMMY_OP	975 DUMMY_OP	976 DUMMY_OP	977 DUMMY_OP
----- YEAR 2011 -----	971	972	973	974	975	976	977
EMISSIONS DATA AT MAXIMUM	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 -----	971	972	973	974	975	976	977
----- YEAR 2013 -----	971	972	973	974	975	976	977
----- YEAR 2014 -----	971	972	973	974	975	976	977
----- YEAR 2015 -----	971	972	973	974	975	976	977
----- YEAR 2016 -----	971	972	973	974	975	976	977
----- YEAR 2017 -----	971	972	973	974	975	976	977
----- YEAR 2018 -----	971	972	973	974	975	976	977

----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
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 2031 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	6 HG (E)							
	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
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 2031 -----								
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----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

3B Input Summary.txt

EFFLUENT THERMAL UNIT	6 HG (E)	992	993	994	995	996	997	998
		DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995	DUMMY_OP 996	DUMMY_OP 997	T4_TROMA 998
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2031 -----								
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----- 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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NewEnergy Associates
Strategist Page 380

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)	999
		DUMMY_OP 999
----- YEAR 2011 -----		
EMISSIONS DATA AT MAXIMUM		0.00
EMISSIONS DATA AT MINIMUM		0.00
EMISSIONS DATA PROFILE		0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		

3B Input Summary.txt

----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
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----- YEAR 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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NewEnergy Associates
Strategist Page 381

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	1	AMOS	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.08	
UNIT FUEL TYPE	FUEL ID	1	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			

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

THERMAL UNIT 2 AMOS 2
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/METU 0.08
UNIT FUEL TYPE FUEL ID 2

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

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.
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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 -----

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

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----- 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	

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----- 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 -----
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----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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 10 CLIFTY 1
 UNIT FUELS 1

----- 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 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 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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 -----
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 ----- YEAR 2023 -----
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 ----- 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 -----
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 ----- 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 -----
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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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	15	CLIFTY	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	15	

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

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 17 CLINCH R 2
 UNIT FUELS 1

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

THERMAL UNIT
UNIT FUELS

18 CLINCH R 3
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 -----
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----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----

% 100.00
\$/MBTU 0.11
FUEL ID 18

----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	19	ROCKP_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
----- 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.

THERMAL UNIT	19	ROCKP_KP 1
UNIT FUELS		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
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.04
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.07
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.10

```

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

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

    THERMAL UNIT              21    CSVL 1-4    3
    UNIT FUELS                  1
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
    THERMAL UNIT              22    CSVL 1-4    4
    UNIT FUELS                  1
----- YEAR 2011 -----

```


MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.10
UNIT FUEL TYPE	FUEL ID	22

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

THERMAL UNIT	23	CSVL 5+6	5
UNIT FUELS			1

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07
UNIT FUEL TYPE	FUEL ID	23

----- 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 -----

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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 -----

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT
UNIT FUELS

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

26 D C COOK 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 -----

27 GAVIN 1
1

% 100.00
 \$/MBTU 0.06
 FUEL ID 27

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

3B Input Summary.txt

----- 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 -----

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	30	GLEN LYN	6
UNIT FUELS		1	
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	31		0
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			

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

THERMAL UNIT 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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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	1	3
UNIT FUELS				

----- YEAR 2011 -----				
MINIMUM BURN PCT	%	100.00		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20		
UNIT FUEL TYPE	FUEL ID	35		
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	35	KAMMER	3
			1
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	36	KANAWHA	1
			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 UNIT FUELS	37	KANAWHA	2
			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	1	2
UNIT FUELS			1	

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

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

%	100.00
\$/MBTU	0.00
FUEL ID	39

----- 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

3B Input Summary.txt

----- 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

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 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

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

THERMAL UNIT 44 MITCHELL 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 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT 45 MOUNT_ER 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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 45 MOUNT_ER 1
UNIT FUELS 1

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

THERMAL UNIT 46 MUSK RVR 1
UNIT FUELS 1

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

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

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

THERMAL UNIT           47  MUSK RVR   2
UNIT FUELS             1

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS    $      100.00
UNIT FUEL TYPE              FUEL ID     0.05
                                47
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----

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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           47  MUSK RVR   2
UNIT FUELS             1

----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----

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

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

THERMAL UNIT 50 MUSK RVR 5
 UNIT FUELS 1

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 50 MUSK RVR 5
 UNIT FUELS 1

----- YEAR 2011 -----
 UNIT FUEL TYPE FUEL ID 50
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----

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

 THERMAL UNIT 51 P SPORN 1
 UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
UNIT FUEL TYPE FUEL ID 51

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

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THERMAL UNIT          52   P SPORN   2
UNIT FUELS           1

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

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

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          52   P SPORN   2
UNIT FUELS           1

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

```

```

THERMAL UNIT          53   P SPORN   3
UNIT FUELS           1

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

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

```

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

THERMAL UNIT 54 P SPORN 4
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
UNIT FUEL TYPE FUEL ID 54

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

----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

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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 -----			
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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	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 -----			

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	57	RPRET_IM	1
UNIT FUELS			1

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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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	58	RPRUM_IM	1
UNIT FUELS			1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
 UNIT FUEL TYPE FUEL ID 59

----- 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 -----

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 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 -----
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 ----- YEAR 2029 -----
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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	62	STUART	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	62	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
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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 63 STUART 3
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
UNIT FUEL TYPE FUEL ID 63

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

THERMAL UNIT 64 STUART 4
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
UNIT FUEL TYPE FUEL ID 64

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	64	STUART	4
		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	65	AMOS_AP	3
		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 -----			
----- YEAR 2023 -----			

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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	69	TANN 4	4
UNIT FUELS		1	

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	69	TANN 4	4
UNIT FUELS		1	

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

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

THERMAL UNIT	70	ZIMMER	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11	
UNIT FUEL TYPE	FUEL ID	70	

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

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----- YEAR 2040 -----
      THERMAL UNIT          71      ROBTMONE    1
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT              %              0.00
UNIT FUEL AUXILIARY COSTS    $/MBTU          0.00
UNIT FUEL TYPE              FUEL ID          71
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

      THERMAL UNIT          71      ROBTMONE    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          72      ROBTMONE    2
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT              %              0.00
UNIT FUEL AUXILIARY COSTS    $/MBTU          0.00
UNIT FUEL TYPE              FUEL ID          71
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

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----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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	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 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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----- YEAR 2032 -----
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 ----- 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.

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 -----		
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----- YEAR 2023 -----		
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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 -----			
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----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
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----- YEAR 2033 -----			
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----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- 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

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	76	CEREDO	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 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	77	CEREDO	3
		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 -----			
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----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			

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

THERMAL UNIT 78 CEREDO 4
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 -----
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----- YEAR 2029 -----
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----- YEAR 2031 -----
----- YEAR 2032 -----
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----- 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	%	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 -----			
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----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	80	CEREDO	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
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----- YEAR 2022 -----			
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 ----- YEAR 2034 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	81	DARBY	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	81	DARBY	1
UNIT FUELS			1
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
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----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			

----- YEAR 2033 -----
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 ----- 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 -----
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 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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 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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 ----- YEAR 2028 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	83	DARBY	3
UNIT FUELS			1

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

THERMAL UNIT	84	DARBY	4
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 -----
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 ----- 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 -----
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 ----- YEAR 2039 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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


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

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```

THERMAL UNIT          88      LWBG WIN    2
UNIT FUELS              1

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU     0.00
UNIT FUEL TYPE            FUEL ID     71

```

```

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          88      LWBG WIN    2
UNIT FUELS              1

```

```

----- YEAR 2023 -----
----- YEAR 2024 -----

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

 THERMAL UNIT 89 LWBG SMR 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	90	LWBG SMR	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 -----			
----- YEAR 2023 -----			
----- 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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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	90	LWBG SMR	2
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	91	WATR CC	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			

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

THERMAL UNIT	92	WATR2	1
UNIT FUELS			1

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

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

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 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 -----
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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 -----

THERMAL UNIT UNIT FUELS	94	DRES2	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 -----			
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----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
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----- YEAR 2033 -----			
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----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT UNIT FUELS	95		0
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2024 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	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 -----
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 ----- YEAR 2040 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 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 -----
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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

99 PC_UL_AP 1
 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 -----
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----- YEAR 2025 -----
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----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT 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
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NewEnergy Associates
Strategist Page 423

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 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----

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

THERMAL UNIT	101	CT_I&M	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	102	CC_I&M	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 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

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NewEnergy Associates
 Strategist Page 424

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	102	CC_I&M	1
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	103	IGCC IM	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	45	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
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----- YEAR 2025 -----
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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
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 -----
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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 -----

104 PC_UL_IM 1
1
% 100.00
\$/MBTU 0.00
FUEL ID 45

```

THERMAL UNIT          105      NUKE_IM    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 -----

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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.

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THERMAL UNIT          105      NUKE_IM    1
UNIT FUELS              1

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

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```

THERMAL UNIT          106      CT_KPC0    1
UNIT FUELS              1

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

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

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----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT 107 CC_KPCO 1
 UNIT FUELS 1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

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3B Input Summary.txt
 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 -----
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT	109	PC_UL_KP	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	45	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	110	NUKE_KP	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	25	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			

----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	111	CT_OHIO	1
UNIT FUELS			1

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

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

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 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

3B Input Summary.txt

----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	45

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	114	PC_UL_OH	1
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	115	NUKE OH	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	25	

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

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

THERMAL UNIT 116 CC_FA_KP 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 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 118 BS1_Gas 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
UNIT FUEL TYPE FUEL ID 65

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	118	BS1_Gas	1
			1
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	119	BS_RPWR	1
			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		82
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			

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

THERMAL UNIT 120 BS_BFCC 1
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 83

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

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 120 BS_BFCC 1
 UNIT FUELS 1

----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

YEAR	121	BS2	FGD	23
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				
THERMAL UNIT	121	BS2	FGD	23
UNIT FUELS				1
----- YEAR 2011 -----				
MINIMUM BURN PCT	%		100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00	
UNIT FUEL TYPE	FUEL ID		6	
----- YEAR 2012 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16	
----- YEAR 2013 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.19	
----- YEAR 2014 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.19	
----- YEAR 2015 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20	
----- YEAR 2016 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20	
----- YEAR 2017 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30	
----- YEAR 2018 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.32	
----- YEAR 2019 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.34	
----- YEAR 2020 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.35	
----- YEAR 2021 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.38	
----- YEAR 2022 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.40	
----- YEAR 2023 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.42	
----- YEAR 2024 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.45	
----- YEAR 2025 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.47	
----- YEAR 2026 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.50	
----- YEAR 2027 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.54	
----- YEAR 2028 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57	
----- YEAR 2029 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61	
----- YEAR 2030 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.65	
----- YEAR 2031 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70	
----- YEAR 2032 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.75	
----- YEAR 2033 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80	
----- YEAR 2034 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.86	
----- YEAR 2035 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93	
----- YEAR 2036 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.99	

```

----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.07
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.15
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.24
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.34
    THERMAL UNIT                122      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 -----
----- 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 -----		
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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	126	CSV5_SCR 5
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07
UNIT FUEL TYPE	FUEL ID	23
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		

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

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 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 -----
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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 -----

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

  THERMAL UNIT          128          0
  UNIT FUELS              1

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

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

  THERMAL UNIT          129    CR1_NGCC    1
  UNIT FUELS              1

----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU          0.11
UNIT FUEL TYPE          FUEL ID          72

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

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----- 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 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 -----

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

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

THERMAL UNIT 131 MR5_NGCC 5
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05
UNIT FUEL TYPE FUEL ID 81

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 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
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

 % 100.00
 \$/MBTU 0.05
 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 RPLD_IM 1
 UNIT FUELS 1

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

 % 100.00
 \$/MBTU 0.06
 FUEL ID 60

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

THERMAL UNIT	134	RP2D_IM	2
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	80	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			

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 Strategist Page 436

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	134	RP2D_IM	2
UNIT FUELS			1

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

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 -----
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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 -----

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

THERMAL UNIT	138		0
UNIT FUELS		1	
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	139		0
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	

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

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

THERMAL UNIT	140		0
UNIT FUELS		1	

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

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

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THERMAL UNIT
UNIT FUELS

140 0
 1

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

THERMAL UNIT
UNIT FUELS

141 0
 1

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

THERMAL UNIT	142	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		

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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 -----
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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	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 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	147	0
UNIT FUELS		1
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	148	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	150	0
UNIT FUELS		1
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	151	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		

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

THERMAL UNIT	152		0
UNIT FUELS		1	

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

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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
UNIT FUELS 1 0

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

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

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

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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	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	\$/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 -----

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----- YEAR 2040 -----
THERMAL UNIT          167          0
UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT      %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.00
UNIT FUEL TYPE        FUEL ID      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----

```

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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          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 -----

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	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	\$/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 184 0
 UNIT FUELS 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT 185 RP1D_03 1
 UNIT FUELS 1

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

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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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	187	RP2TR_IM	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41	
UNIT FUEL TYPE	FUEL ID	59	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	

----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.53
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.54
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.58
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.60
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.63
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.64
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.66
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.68
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.71
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.73
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.75
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.77
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.79
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.81
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
THERMAL UNIT	188	RP1TR_KP	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.41
UNIT FUEL TYPE	FUEL ID		58
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.77
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.78
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80

----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.84
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.86
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.92
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.94
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.96

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	188	RP1TR_KP	1
UNIT FUELS			1
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.98
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.00
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.02
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.05
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.07
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.09
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.12
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.14
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.17
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.20
THERMAL UNIT	189	RP2TR_KP	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		59
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.15
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.51
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.58
----- YEAR 2017 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.65	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.67	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.76	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.93	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.95	
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98	
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.01	
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.04	
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07	
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.10	
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.13	
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.16	
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.20	
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.23	
THERMAL UNIT	190	T4_TROMA	4
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	
UNIT FUEL TYPE	FUEL ID	69	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	
----- YEAR 2018 -----			

UNIT FUEL AUXILIARY COSTS \$/MBTU 0.19
 ----- YEAR 2019 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.19

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 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	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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	192	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0

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

THERMAL UNIT	193	ML_KP20	1
UNIT FUELS			1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05
 UNIT FUEL TYPE FUEL ID 43
 ----- YEAR 2012 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.27
 ----- YEAR 2013 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.28
 ----- YEAR 2014 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.30
 ----- YEAR 2015 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.30
 ----- YEAR 2016 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.31
 ----- YEAR 2017 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.32
 ----- YEAR 2018 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.33
 ----- YEAR 2019 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.35
 ----- YEAR 2020 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.36
 ----- YEAR 2021 -----
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.37

----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.59
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.62
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.69
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	194	ML_KP20	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		44
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.28
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.31
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.32
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.33

----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.35
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.36
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.37
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.38
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.40
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.41
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.43
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.44
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.46
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.48
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.49
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.51
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.53
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.59
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.62
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.64
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.66
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.69
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
THERMAL UNIT	195	ML_KP50	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		43
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.28
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.31
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.32
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.33
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.35

----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	195	ML_KP50	1
UNIT FUELS			1
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.53
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.59
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.62
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.64
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.66
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.69
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
THERMAL UNIT	196	ML_KP50	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		44
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.28
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2015 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.59
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.62
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.69
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
THERMAL UNIT	197	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		

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

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 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	\$/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 -----

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THERMAL UNIT 199 0
 UNIT FUELS 1

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

THERMAL UNIT 200 0
 UNIT FUELS 1

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

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

THERMAL UNIT 201 0
 UNIT FUELS 1

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

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

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

THERMAL UNIT 202 0
 UNIT FUELS 1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 202 0
 UNIT FUELS 1

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

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

THERMAL UNIT 203 0
 UNIT FUELS 1

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

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

THERMAL UNIT 204 0
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		

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

THERMAL UNIT	204	0
UNIT FUELS		1
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		

THERMAL UNIT	205	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	‡	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		

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

THERMAL UNIT	206		0
UNIT FUELS		1	

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

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

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

THERMAL UNIT 207 0
 UNIT FUELS 1

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 207 0
 UNIT FUELS 1

----- YEAR 2011 -----
 UNIT FUEL TYPE FUEL ID 0

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

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	209		0
UNIT FUELS		1	
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	210		0
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			

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

THERMAL UNIT	211	0
UNIT FUELS		1

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

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

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

THERMAL UNIT	211	0
UNIT FUELS		1

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

THERMAL UNIT	212	0
UNIT FUELS		1

----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	213	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		

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

THERMAL UNIT 214 0
 UNIT FUELS 1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 214 0
 UNIT FUELS 1

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

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	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 -----

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

THERMAL UNIT	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 -----

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	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 -----

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 221 0
 UNIT FUELS 1

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----

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

THERMAL UNIT 222 0
 UNIT FUELS 1

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

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

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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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                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 \$/METU 0.00
UNIT FUEL TYPE FUEL ID 0

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

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VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 226 0
UNIT FUELS 1

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

THERMAL UNIT	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 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	228		0
UNIT FUELS		1	
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	500	DUMMY_OP	0
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

THERMAL UNIT 501 DUMMY_IM 0
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 -----
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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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 502 DUMMY_AP 0
UNIT FUELS 1

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	503	DUMMY_KP	0
UNIT FUELS			1

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2031 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	955	CT_KPC0	955
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	955	CT_KPC0	955
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	956	CT_KPC0	956
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 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	957	CT_KPC0	957
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 -----
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----- YEAR 2018 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	957	CT_KPCO	957
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	958	CT_KPCO	958
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	‡		100.00
UNIT FUEL AUXILIARY COSTS	‡/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		72

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2021 -----
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----- YEAR 2027 -----
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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	959	RP2D_KP	959
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		59
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.15
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.51
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.58
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.65
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.76
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.78
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.88
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.90
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.95
----- YEAR 2032 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.01
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.04
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.10

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	959	RP2D_KP	959
UNIT FUELS			1
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.13
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.16
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.20
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.23
THERMAL UNIT	960	RP2D_IM	960
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.06
UNIT FUEL TYPE	FUEL ID		80
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
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----- YEAR 2036 -----			

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

THERMAL UNIT	961	CSV6_SCR	961
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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	962	CSV5_SCR	962
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 -----

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THERMAL UNIT
 UNIT FUELS
 ----- 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 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

962 CSV5_SCR 962
 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 -----

963 DUMMY_OP 963
 1
 % 0.00
 \$/METU 0.00
 FUEL ID 0

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

THERMAL UNIT	964	BS_RPWR	964
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 -----
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 ----- YEAR 2027 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	964	BS_RPWR	964
UNIT FUELS			1

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

YEAR	THERMAL UNIT	965	RPID_KP	965
----- YEAR 2037 -----	UNIT FUELS			1
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				
----- YEAR 2011 -----	MINIMUM BURN PCT	%		100.00
	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
	UNIT FUEL TYPE	FUEL ID		58
----- YEAR 2012 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2013 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2014 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2015 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2016 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67
----- YEAR 2017 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2018 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2019 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.77
----- YEAR 2020 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.78
----- YEAR 2021 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2022 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2023 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2024 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.84
----- YEAR 2025 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.86
----- YEAR 2026 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.88
----- YEAR 2027 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.90
----- YEAR 2028 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.92
----- YEAR 2029 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.94
----- YEAR 2030 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.96
----- YEAR 2031 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.98
----- YEAR 2032 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.00
----- YEAR 2033 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.02
----- YEAR 2034 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.05
----- YEAR 2035 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.07
----- YEAR 2036 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.09
----- YEAR 2037 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.12
----- YEAR 2038 -----	UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.14
----- YEAR 2039 -----				

UNIT FUEL AUXILIARY COSTS \$/MBTU 1.17

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

UNIT FUEL AUXILIARY COSTS \$/MBTU 1.20

THERMAL UNIT 966 RP1D_03 966
UNIT FUELS 1

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

MINIMUM BURN PCT % 100.00

UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
UNIT FUEL TYPE FUEL ID 80

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

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

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

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

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

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

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

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

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

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

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

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

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 966 RP1D_03 966
UNIT FUELS 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT 967 DUMMY_KP 967
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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	968	CR2_NGCC	968
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 -----
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----- YEAR 2031 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 968 CR2_NGCC 968
 UNIT FUELS 1

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

THERMAL UNIT 969 CR1_NGCC 969
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
 UNIT FUEL TYPE FUEL ID 72

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

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

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

THERMAL UNIT 970 MR5_NGCC 970
 UNIT FUELS 1

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05
UNIT FUEL TYPE	FUEL ID	81

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT 971 RP2TR_KP 971
 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
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----- YEAR 2013 -----

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16
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----- YEAR 2014 -----

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
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----- YEAR 2015 -----

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
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----- YEAR 2016 -----

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	971	RP2TR_KP	971
UNIT FUELS		1	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.65
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.76
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.78
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.88
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.90
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.95
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.98
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.01
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.04
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.07
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.10
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.13
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.16
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.20
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.23
THERMAL UNIT	972	RP2TR_IM	972
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.41
UNIT FUEL TYPE	FUEL ID		59
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.43
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.43
----- YEAR 2014 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.60
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.63
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	972	RP2TR_IM	972
UNIT FUELS			1
----- 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	973	DUMMY_OP	973
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 -----
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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 974 DUMMY_OP 974
 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 -----
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 ----- YEAR 2022 -----
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----- YEAR 2026 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- 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 -----			

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	975	DUMMY_OP	975
UNIT FUELS			1

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
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----- 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 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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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	977	DUMMY_OP	977
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 977 DUMMY_OP 977
 UNIT FUELS 1

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

THERMAL UNIT 978 DUMMY_OP 978
 UNIT FUELS 1

----- 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 -----
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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	979	DUMMY_OP	979
UNIT FUELS			1

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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 -----

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 980 DUMMY_OP 980
 UNIT FUELS 1

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

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

THERMAL UNIT 981 DUMMY_OP 981
 UNIT FUELS 1

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

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

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

THERMAL UNIT	982	DUMMY_OP	982
UNIT FUELS			1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	982	DUMMY_OP	982
UNIT FUELS			1

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

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

THERMAL UNIT 983 DUMMY_OP 983
 UNIT FUELS 1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT 984 DUMMY_OP 984
 UNIT FUELS 1

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

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

QUALIFIER = G&F.INPUT.THERMAL UNIT.

THERMAL UNIT	984	DUMMY_OP	984
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	985	DUMMY_OP	985
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 -----
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	986	DUMMY_OP	986
UNIT FUELS			1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

%	0.00
\$/MBTU	0.00
FUEL ID	0

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

THERMAL UNIT 987 DUMMY_OP 987
UNIT FUELS 1

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 987 DUMMY_OP 987
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 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT 988 DUMMY_OP 988
UNIT FUELS 1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2024 -----			
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----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	989	DUMMY_OP	989
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS 989 DUMMY_OP 989 1

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

THERMAL UNIT UNIT FUELS 990 DUMMY_OP 990 1

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

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

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

THERMAL UNIT	991	DUMMY_OP	991
UNIT FUELS			1
----- YEAR 2011 -----			
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 -----
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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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	992	DUMMY_OP	992
UNIT FUELS			1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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 993 DUMMY_OP 993
 UNIT FUELS 1

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

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

3B Input Summary.txt

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

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 -----
----- 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 994 DUMMY_OP 994
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	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 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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	996	DUMMY_OP	996
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 -----
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 ----- 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	996	DUMMY_OP	996
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	997	DUMMY_OP	997
UNIT FUELS			1
----- 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 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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
    
```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          998   T4_TROMA  998
UNIT FUELS              1
----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.32
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.33
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.34
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.35
THERMAL UNIT          999   DUMMY_OP  999
UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT              %              0.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.00
UNIT FUEL TYPE                 FUEL ID      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
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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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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 -----	1	2	3	6	1	2	1	
OWNERSHIP RATIO	0.00	0.00	1.00	1.00	0.00	0.00	1.00	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP						
	CARD 1+2 8	CARD 3 9	CLIFTY 10	CLIFTY 11	CLIFTY 12	CLIFTY 13	CLIFTY 14
----- YEAR 2011 -----	2	3	1	2	3	4	5
OWNERSHIP RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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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

1 OPCO+CSP

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

3B Input Summary.txt

----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
 ----- 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	4	CSVL 5+6	5	6	D C COOK	D C COOK	GAVIN
				1	2	1	2

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- 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
GLEN LYN	5	GLEN LYN	6	0	0	KAMMER	KAMMER
					1	2	3

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

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

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP								
	29 GLEN LYN 5	30 GLEN LYN 6	31 0	32 0	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3		
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP								
	36 KANAWHA 1	37 KANAWHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5		
----- 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 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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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 -----
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 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

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

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

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	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	1.00	0.00	1.00	0.00	1.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	50 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 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- 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 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	57 RPRET_IM 1	58 RPRUN_IM 1	59 ROCKP_IM 2	60	61 STUART 1	62 STUART 2	63 STUART 3
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00	1.00	1.00	1.00

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

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

RATIO	1.00	0.00	0.00	0.00	0.00	0.00	1.00
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

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 -----
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 ----- 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 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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

GENERATING COMPANIES
 THERMAL UNIT

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

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

RATIO 0.00 0.00 1.00 1.00 1.00 1.00 1.00

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

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

----- YEAR 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

3B Input Summary.txt

	6	1	2	1	2	1	1
----- YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
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----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

GENERATING COMPANIES
THERMAL UNIT

1 OPCO+CSP	93	94	95	96	97	98	99
DRESDEN	1	1	0	CT_APCO	1	CC_APCO	1
						IGCC AP	1
							PC_UL_AP
							1

----- YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES	1	OPCO+CSP						
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	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	1	OPCO+CSP						
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 2017 -----
 ----- YEAR 2018 -----
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3B Input Summary.txt

----- YEAR 2033 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP
 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
 ----- YEAR 2012 -----
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 ----- 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
 1 1 1 0 1 1 1

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

RATIO 1.00 1.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2016 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	117	118 BS1_Gas	119 BS_RPWR	120 BS_BFCC
		1	1	1	0	1	1	1
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	121 BS2_FGD	122 BS_BF50	124	126 CSV5_SCR	127 CSV6_SCR	129 CR1_NGCC	130 CR2_NGCC
		23	1	0	5	6	1	2
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+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 -----
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 ----- YEAR 2039 -----

RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
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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	1 OPCO+CSP	144	145	153	154	155	156	157
		TC4_ESP 4		MTN_18% 1				
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	1.00	0.00	1.00	1.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	158	159	160	161	162	166	168
		0	0	0	0	0	0	0
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	0.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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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 2011 ----- OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
----- YEAR 2023 -----								
----- YEAR 2024 -----								

3B Input Summary.txt

----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- 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
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2040 -----

3B Input Summary.txt

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	184	185	186	187	188	189	190
		0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	184	185	186	187	188	189	190
		0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4
----- YEAR 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 4	ML_KP20 1	ML_KP20 2	ML_KP50 1	ML_KP50 2	0	DUMMY_OP 0
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

----- YEAR 2015 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- 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 -----
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 ----- YEAR 2040 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	959	960	961	962	963	964	965
	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	RP1D_KP	
	959	960	961	962	963	964	965	
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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3B Input Summary.txt

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

RATIO	0.00	0.00	0.00	0.00	1.00	0.00	0.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

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 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							
	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	
----- 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 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	987	988	989	990	991	992	993
		DUMMY_OP 987	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993
----- 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 -----								
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----- YEAR 2036 -----								
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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.

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

3B Input Summary.txt
 DUMMY_OP 987 DUMMY_OP 988 DUMMY_OP 989 DUMMY_OP 990 DUMMY_OP 991 DUMMY_OP 992 DUMMY_OP 993

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

RATIO 1.00 1.00 1.00 1.00 0.00 1.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

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

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	8	9	10	11	12	13	14
CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
2	3	1	2	3	4	5	

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	8	9	10	11	12	13	14
CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
2	3	1	2	3	4	5	

----- YEAR 2017 -----
 ----- YEAR 2018 -----
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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 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO

0.00 0.00 0.00 0.00 0.00 0.00 0.00

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

3B Input Summary.txt

YEAR	RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
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YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								

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Strategist Page 505

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	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 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	2 I&M	29 GLEN LYN 5	30 GLEN LYN 6	31 0	32 0	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3
YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								

----- YEAR 2018 -----
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 ----- 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 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- 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	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 2040 -----								

GENERATING COMPANIES THERMAL UNIT	2 I&M	50	51	52	53	54	55	56
		MUSK RVR 5	P SPORN 1	P SPORN 2	P SPORN 3	P SPORN 4	P SPORN 5	PICWAY 5

3B Input Summary.txt

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011								
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
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2022								
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2038								
2039								
2040								

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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3B Input Summary.txt
 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 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
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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
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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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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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 -----								
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----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	2 I&M	79	80	81	82	83	84	85
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3B Input Summary.txt

	CEREDO	CEREDO	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
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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----- YEAR 2040 -----							

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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

----- YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	93 DRESDEN 1	94 DRES2 1	95 0	96 CT_APCO 1	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	93 DRESDEN 1	94 DRES2 1	95 0	96 CT_APCO 1	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
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3B Input Summary.txt

----- YEAR 2033 -----
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 ----- YEAR 2038 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES	2 I&M	100	101	102	103	104	105	106
THERMAL UNIT		Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCCO
		1	1	1	1	1	1	1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2031 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

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

----- YEAR 2016 -----
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 ----- 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	108	109	110	111	112	113
		CC_KP CO 1	IGCC KP 1	PC_UL_KP 1	NUKE_KP 1	CT_OHIO 1	CC_OH 1	IGCC OH 1
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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----- YEAR 2036 -----								
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----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	2 I&M	114	115	116	117	118	119	120
		PC_UL_OH 1	NUKE OH 1	CC_FA_KP 1	0	BS1_Gas 1	BS_RPWR 1	BS_BFCC 1
----- YEAR 2011 -----	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	121	122	124	126	127	129	130					
BS2_FGD	23	BS_BF50	1	0	CSV5_SCR	5	CSV6_SCR	6	CR1_MGCC	1	CR2_MGCC	2

----- YEAR 2011 -----												
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----												
----- YEAR 2013 -----												
----- YEAR 2014 -----												
----- YEAR 2015 -----												
----- YEAR 2016 -----												
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----- YEAR 2026 -----												
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----- YEAR 2030 -----												
----- YEAR 2031 -----												
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----- YEAR 2035 -----												
----- YEAR 2036 -----												
----- YEAR 2037 -----												

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	0.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2030 -----								
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----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	2 I&M	144 TC4_ESP 4	145 0	153 MTN_18% 1	154 0	155 0	156 0	157 0
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OWNERSHIP RATIO	RATIO	1.00	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 2038 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	158	159	160	161	162	166	168
		0	0	0	0	0	0	0

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

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 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

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- 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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 ----- YEAR 2030 -----
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----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	0.00	0.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2028 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

GENERATING COMPANIES THERMAL UNIT	2 I&M	184	185	186	187	188	189	190
		0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4

----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	0.00	0.00	1.00
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----- YEAR 2012 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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	2 I&M	501	502	503	955	956	957	958
		DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	CT_KPC0 955	CT_KPC0 956	CT_KPC0 957	CT_KPC0 958
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								

3B Input Summary.txt

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

959	960	961	962	963	964	965
RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	RP1D_KP
959	960	961	962	963	964	965

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

RATIO 0.00 1.00 0.00 0.00 0.00 0.00 0.00

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 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	2 I&M	966	967	968	969	970	971	972
		RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
		966	967	968	969	970	971	972

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	973	974	975	976	977	978	979
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		973	974	975	976	977	978	979

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

980	981	982	983	984	985	986
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
980	981	982	983	984	985	986

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

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

980	981	982	983	984	985	986
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
980	981	982	983	984	985	986

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

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993
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----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
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 ----- YEAR 2014 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998 T4_TRONA 998	999 DUMMY_OP 999
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----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----

RATIO	0.00	0.00	0.00	0.00	1.00	0.00
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----- YEAR 2019 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2033 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	8	9	10	11	12	13	14
CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
2	3	1	2	3	4	5	

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

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

15	16	17	18	19	20	21
CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4

YEAR	6	1	2	3	1	2	3
----- YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
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----- YEAR 2019 -----							
----- 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	3	15	16	17	18	19	20	21
	APCO	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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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	22	23	24	25	26	27	28
	APCO	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								

----- YEAR 2017 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

29
 GLEN LYN
 5

30
 GLEN LYN
 6

31

32

33
 KAMMER
 1

34
 KAMMER
 2

35
 KAMMER
 3

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

RATIO

1.00

1.00

0.00

0.00

0.00

0.00

0.00

----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	APCO									
		29 GLEN LYN 5	30 GLEN LYN 6	31 0	32 0	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3			
----- YEAR 2038 -----											
----- YEAR 2039 -----											
----- YEAR 2040 -----											
GENERATING COMPANIES THERMAL UNIT	3	APCO									
		36 KANAWHA 1	37 KANAWHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5			
----- YEAR 2011 -----											
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----											
----- YEAR 2013 -----											
----- YEAR 2014 -----											
----- YEAR 2015 -----											
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----- YEAR 2037 -----											
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----- YEAR 2039 -----											
----- YEAR 2040 -----											

3B Input Summary.txt

GENERATING COMPANIES THERMAL UNIT	3 APCO	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 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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GENERATING COMPANIES THERMAL UNIT	3 APCO	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	1.00	0.00	1.00	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 3 APCO

3B Input Summary.txt

THERMAL UNIT	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 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

GENERATING COMPANIES THERMAL UNIT	3 APCO	57 RPRET_IM 1	58 RPRUN_IM 1	59 ROCKP_IM 2	60	61 STUART 1	62 STUART 2	63 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 -----								
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GENERATING COMPANIES
 THERMAL UNIT

3 APCO

STUART	64 4	AMOS_AP	65 3	TANN 1-3	66 1	TANN 1-3	67 2	TANN 1-3	68 3	TANN 4	69 4	ZIMMER	70 1
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----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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RATIO	0.00	1.00	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

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

----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

3B Input Summary.txt

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	71	72	73	75	76	77	78
	ROBTHONE	ROBTHONE	ROBTHONE	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 -----
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 ----- 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 -----
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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 -----									
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----- YEAR 2031 -----									

3B Input Summary.txt

----- YEAR 2032 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT		3 APCO						
		93 DRESDEN 1	94 DRES2 1	95 0	96 CT_APCO 1	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	1.00	1.00	1.00	1.00

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

GENERATING COMPANIES THERMAL UNIT		3 APCO						
		100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	3	APCO						
THERMAL UNIT			100	101	102	103	104	105
			Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM
			1	1	1	1	1	1
								106
								CT_KPCC
								1

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES	3	APCO						
THERMAL UNIT			107	108	109	110	111	112
			CC_KPCC	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH
			1	1	1	1	1	1
								113
								IGCC OH
								1

----- YEAR 2011 -----	OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
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 ----- 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 -----
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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3B Input Summary.txt
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	APCO	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	117 0	118 BS1_Gas 1	119 BS_RPWR 1	120 BS_BFCC 1
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
GENERATING COMPANIES THERMAL UNIT	3	APCO	121 BS2_FGD 23	122 BS_BF50 1	124 0	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_NGCC 1	130 CR2_NGCC 2
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO		0.00	0.00	0.00	0.00	0.00	1.00	1.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									
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GENERATING COMPANIES THERMAL UNIT	3	APCO	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2
----- YEAR 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	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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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 -----									
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----- YEAR 2020 -----									

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

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 2040 -----

GENERATING COMPANIES THERMAL UNIT	3 APCO	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

----- YEAR 2012 -----
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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 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	3 APCO	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
----- YEAR 2011 -----								

OWNERSHIP RATIO	RATIO	0.00	3B Input Summary.txt		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	3 APCO	184 0	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TRONA 4
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2037 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	APCO	184	185	186	187	188	189	190
			0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4

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

GENERATING COMPANIES THERMAL UNIT	3	APCO	191	193	194	195	196	364	500
			T4_TRCCR 4	ML_KP20 1	ML_KP20 2	ML_KP50 1	ML_KP50 2	0	DUMMY_OP 0

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2011 -----
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3B Input Summary.txt

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

	959	960	961	962	963	964	965
	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	RP1D_KP
	959	960	961	962	963	964	965

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		3 APCO						
		959	960	961	962	963	964	965
		RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	RP1D_KP
		959	960	961	962	963	964	965
-----	YEAR 2017	-----						
-----	YEAR 2018	-----						
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-----	YEAR 2039	-----						
-----	YEAR 2040	-----						
GENERATING COMPANIES THERMAL UNIT		3 APCO						
		966	967	968	969	970	971	972
		RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
		966	967	968	969	970	971	972
-----	YEAR 2011	-----						
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	0.00	0.00	0.00
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
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 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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 ‡ 02/07/13 15:53:43 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

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----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	980	981	982	983	984	985	986
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
980	981	982	983	984	985	986	

----- YEAR 2011 -----
 OWNERSHIP RATIO
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 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- 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	994	995	996	997	998	999
		DUMMY_OP 994	DUMMY_OP 995	DUMMY_OP 996	DUMMY_OP 997	T4_TRONA 998	DUMMY_OP 999
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	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

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

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

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

GENERATING COMPANIES

4 KPCO

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 -----							
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 2017 -----							
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-----	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		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 -----							
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-----	YEAR 2031 -----							
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-----	YEAR 2037 -----							
-----	YEAR 2038 -----							
-----	YEAR 2039 -----							
-----	YEAR 2040 -----							

GENERATING COMPANIES 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 -----							
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
-----	YEAR 2016 -----							

3B Input Summary.txt

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
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 ----- YEAR 2032 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2033 -----
 ----- YEAR 2034 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:53:44 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		22	23	24	25	26	27	28
		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2

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

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

----- 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 2039 -----

3B Input Summary.txt

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

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

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

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

RATIO	0.00	0.00	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 -----

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

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

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

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

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

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

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

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

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

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

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

----- 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
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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

	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 2014 -----

----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	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 -----
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 ----- YEAR 2017 -----
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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 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	4 KPCO	57	58	59	60	61	62	63
		RPRET_IM 1	RPRUN_IM 1	ROCKP_IM 2		STUART 1	STUART 2	STUART 3
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	57	58	59	60	61	62	63
		RPRET_IM 1	RPRUN_IM 1	ROCKP_IM 2		STUART 1	STUART 2	STUART 3
----- YEAR 2026 -----					0			
----- YEAR 2027 -----								
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----- YEAR 2037 -----								

3B Input Summary.txt

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

ROBTMONE	71	ROBTMONE	72	ROBTMONE	73	CEREDO	75	CEREDO	76	CEREDO	77	CEREDO	78
	1		2		3		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 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	4 KPCO	79 CEREDO 5	80 CEREDO 6	81 DARBY 1	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2029 -----
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 ----- 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 -----
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 ----- YEAR 2040 -----

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO						
	93	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 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

GENERATING COMPANIES THERMAL UNIT	4 KPCO						
	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	1.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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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 -----	RATIO	1.00	1.00	1.00	1.00	0.00	0.00	0.00
OWNERSHIP RATIO								
----- YEAR 2012 -----								
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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

----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
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RATIO	0.00	0.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES
THERMAL UNIT

4 KPCO

121	122	124	126	127	129	130
BS2_FGD	BS_BF50		CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC

YEAR	OWNERSHIP RATIO	23	1	0	5	6	1	2
2011	RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00
2012								
2013								
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2015								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	131 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	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								

----- YEAR 2020 -----
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 ----- 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 2035 -----

RATIO	0.00	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	158	159	160	161	162	166	168
		0	0	0	0	0	0	0

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2022 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
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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.

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

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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GENERATING COMPANIES THERMAL UNIT	4 KPCO	169	170	171	172	173	174	175
		0	0	0	0	0	0	0

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----- 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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GENERATING COMPANIES THERMAL UNIT	4 KPCO	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	4 KPCO	176	177	178	179	181	182	183
THERMAL UNIT		0	0	0	0	0	0	0

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

GENERATING COMPANIES	4 KPCO	184	185	186	187	188	189	190
THERMAL UNIT		0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4

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

GENERATING COMPANIES	4 KPC0	191	193	194	195	196	364	500
THERMAL UNIT		T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50		DUMMY_OF
		4	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

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

GENERATING COMPANIES	4 KPC0	501	502	503	955	956	957	958
THERMAL UNIT		DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	955	956	957	958

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

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

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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 CT_KPCO 955	956 CT_KPCO 956	957 CT_KPCO 957	958 CT_KPCO 958
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2020 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	4 KPCO	959 RP2D_KP 959	960 RP2D_IM 960	961 CSV6_SCR 961	962 CSV5_SCR 962	963 DUMMY_OP 963	964 BS_RPWR 964	965 RP1D_KP 965
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		966	967	968	969	970	971	972
		RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
		966	967	968	969	970	971	972
----- YEAR 2011 -----	OWNERSHIP RATIO	0.00	1.00	0.00	0.00	0.00	1.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2024 -----								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		966	967	968	969	970	971	972
		RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
		966	967	968	969	970	971	972
----- 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

4 KPCO

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

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------	------

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	980	981	982	983	984	985	986
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
980	981	982	983	984	985	986	

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------	------

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

----- YEAR 2015 -----
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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	980	981	982	983	984	985	986
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		980	981	982	983	984	985	986
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	4 KPCO	987	988	989	990	991	992	993
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		987	988	989	990	991	992	993
----- YEAR 2011 -----	OWNERSHIP 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 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2018 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 1 JANUARY =====							CARD 1+2
	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	1 0	2 0	3 0	4 0	5 0	6 0	7 1	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								

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----- YEAR 2040 -----
===== SEASON 1 JANUARY =====
THERMAL UNIT                8
CARD 1+2                    9
                             2    3    CLIFTY 10
                             1    CLIFTY 11
                             2    CLIFTY 12
                             3    CLIFTY 13
                             4    CLIFTY 14
                             5
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE      0      0      0      0      0      0      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
===== SEASON 1 JANUARY =====
THERMAL UNIT                15
CLIFTY                      16
                             6    CLINCH R 17
                             1    CLINCH R 18
                             2    CLINCH R 19
                             3    ROCKP_KP 20
                             1    ROCKP_KP 21
                             2    CSVL 1-4 21
                             3
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE      0      0      0      0      0      0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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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 -----								
----- YEAR 2026 -----								
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----- 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	0	28	
----- YEAR 2012 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2018 -----								
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----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====		29	30	33	34	35	36	37
THERMAL UNIT		GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
		5	6	1	2	3	1	2
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- 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.

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

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

===== SEASON 1 JANUARY =====		38	39	40	41	42	43	44
THERMAL UNIT		KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 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 2018 -----								
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----- YEAR 2037 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 1 JANUARY =====		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 -----								
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----- YEAR 2020 -----
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 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====							
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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====							
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 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

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YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	164	164	164						

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 1 JANUARY							
	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 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
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 1 JANUARY						
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DARBY 1
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							

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

		===== SEASON 1 JANUARY =====						
THERMAL UNIT		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 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:53:46 V04.0 R03.0

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 DRES2 CT_APC0
 1 2 1 1 1 1 1

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

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

===== SEASON 1 JANUARY =====

3B Input Summary.txt

THERMAL UNIT	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

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

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

===== SEASON 1 JANUARY =====		111	112	113	114	115	116	118
THERMAL UNIT		CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
		1	1	1	1	1	1	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- 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 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====		119	120	121	122	126	127	129
THERMAL UNIT		BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	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 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====		119	120	121	122	126	127	129
THERMAL UNIT		BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
----- YEAR 2028 -----		1	1	23	1	5	6	1
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								

3B Input Summary.txt

----- 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
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							
===== SEASON 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
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0
----- YEAR 2014 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- 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 -----

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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_TROMA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50	
	2	4	4	1	2	1	2	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								

3B 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 -----

===== SEASON 1 JANUARY =====							
THERMAL UNIT	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0	957 CT_KPC0
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====								
THERMAL UNIT	958	959	960	961	962	963	964	
	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	
	958	959	960	961	962	963	964	
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2028 -----								
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----- YEAR 2030 -----								
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----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 1 JANUARY =====								
THERMAL UNIT	965	966	967	968	969	970	971	
	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	965	966	967	968	969	970	971	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2020 -----
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 ----- YEAR 2030 -----
 ----- 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 =====								
THERMAL UNIT	972	973	974	975	976	977	978	
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	972	973	974	975	976	977	978	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2023 -----								
----- YEAR 2024 -----								
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----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								

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

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

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===== SEASON 1 JANUARY =====
THERMAL UNIT          979          980          981          982          983          984          985
                      DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP
                      979          980          981          982          983          984          985

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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          986          987          988          989          990          991          992
                      DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP
                      986          987          988          989          990          991          992

```

3B Input Summary.txt

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								

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

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT 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 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT 15 16 17 18 19 20 21
 CLIFTY CLINCH R CLINCH R CLINCH R ROCKP_KP ROCKP_KP CSVL 1-4
 6 1 2 3 1 2 3

3B Input Summary.txt

YEAR	HEAT RATE PROFILE	0	0	0	0	0	0	0
2011								
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
2026								
2027								
2028								
2029								
2030								
2031								
2032								
2033								
2034								
2035								
2036								
2037								
2038								
2039								
2040								
===== SEASON 2 FEBRUARY =====								
THERMAL UNIT		22	23	24	25	26	27	28
	CSV1 1-4	4	CSV1 5+6	5	CSV1 5+6	6	D C COOK	1
							D C COOK	2
							GAVIN	1
							GAVIN	2
2011		0	0	0	0	0	0	28
2012		0	0	0	0	0	0	0
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								

----- YEAR 2026 -----
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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 2 FEBRUARY =====									
THERMAL UNIT	22	23	24	25	26	27	28		
	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN		
	4	5	6	1	2	1	2		

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

===== SEASON 2 FEBRUARY =====									
THERMAL UNIT	29	30	33	34	35	36	37		
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAUHA	KANAUHA		
	5	6	1	2	3	1	2		

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

3B Input Summary.txt

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

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

	38	39	40	41	42	43	44
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
	1	2	3	4	5	1	2

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

	0	0	0	0	0	0	0
--	---	---	---	---	---	---	---

===== 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
 ----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2013 -----

	45	0	0	0	0	0	0
	0	0	0	0	0	0	0

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====							
THERMAL UNIT	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1
----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0
----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

===== SEASON 2 FEBRUARY =====							
THERMAL UNIT	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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 ----- YEAR 2038 -----
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 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====		59	61	62	63	64	65	66
THERMAL UNIT	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TAMN	1-3
	2	1	2	3	4	3	1-3	1
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0		0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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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 2 FEBRUARY =====		59	61	62	63	64	65	66
THERMAL UNIT	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TAMN	1-3
	2	1	2	3	4	3	1-3	1
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

3B Input Summary.txt

----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- 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 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	164	164	164
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- YEAR 2016 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

----- YEAR 2014 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
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===== SEASON 2 FEBRUARY =====		89	90	91	92	93	94	96
THERMAL UNIT	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APC0	
	1	2	1	1	1	1	1	1

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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===== SEASON 2 FEBRUARY =====
 THERMAL UNIT
 97 98 99 100 101 102 103
 CC_APCO IGCC AP PC_UL_AP Nuke_AP CT_I&M CC_I&M IGCC IM
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT
 97 98 99 100 101 102 103
 CC_APCO IGCC AP PC_UL_AP Nuke_AP CT_I&M CC_I&M IGCC IM
 1 1 1 1 1 1 1

----- YEAR 2016 -----
 ----- YEAR 2017 -----
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===== SEASON 2 FEBRUARY =====
 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

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----- YEAR 2012 -----
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===== 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 BSl_Gas
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	111	112	113	114	115	116	118	
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas	
	1	1	1	1	1	1	1	
----- YEAR 2028 -----								
----- YEAR 2029 -----								
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===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	119	120	121	122	126	127	129	
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CRI_NGCC	
	1	1	23	1	5	6	1	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2011 -----								
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===== SEASON 2 FEBRUARY =====							
THERMAL UNIT	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
	2	5	5	1	2	4	1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====							
THERMAL UNIT	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP
	2	5	5	1	2	4	1

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

===== SEASON 2 FEBRUARY =====							
THERMAL UNIT	137	144	153	185	186	187	188
	RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP

	2	3B Input Summary.txt	4	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 -----							
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	189	190	191	193	194	195	196
THERMAL UNIT	RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
	2	4	4	1	2	1	2
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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===== SEASON 2 FEBRUARY =====		500	501	502	503	955	956	957
THERMAL UNIT		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	0	955	956	957
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2017 -----								

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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	955	956	957
THERMAL UNIT		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	0	955	956	957
----- YEAR 2018 -----								
----- YEAR 2019 -----								
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	965	966	967	968	969	970	971	
	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	965	966	967	968	969	970	971	

----- YEAR 2030 -----
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===== SEASON 2 FEBRUARY =====							
THERMAL UNIT	972	973	974	975	976	977	978
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	972	973	974	975	976	977	978

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
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===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985
----- 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- SEASON 2 FEBRUARY -----								
THERMAL UNIT	986	987	988	989	990	991	992	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	986	987	988	989	990	991	992	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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----- YEAR 2030 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	993	994	995	996	997	998	999	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP	
	993	994	995	996	997	998	999	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3		MARCH =====						
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3		MARCH =====						
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	

----- YEAR 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 -----

THERMAL UNIT	===== SEASON 3		MARCH =====				
	CARD 1+2	CARD 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							

YEAR	2039	2040	SEASON 3 MARCH						21
THERMAL UNIT	15	16	17	18	19	20	21		
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4		
	6	1	2	3	1	2	3		
YEAR 2011									
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0		
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
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YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	2035	2036	2037	2038	2039	2040	SEASON 3 MARCH				28			
THERMAL UNIT	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
	6	1	2	3	1	2	4	5	6	1	2	1	2	
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														
YEAR 2011														
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	28
YEAR 2012														
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT		29	30	33	34	35	36	37
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAHA	KANAHA	
	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 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	===== SEASON 3 MARCH =====							
	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 -----

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 Strategist Page 569

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 3 MARCH =====							
	38	39	40	41	42	43	44	
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL	
	1	2	3	4	5	1	2	

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

3B Input Summary.txt

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

THERMAL UNIT	===== SEASON 3 MARCH =====						
	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 -----							
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 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	===== SEASON 3 MARCH =====						
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3		MARCH =====						
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 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3		MARCH =====					
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 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

		===== SEASON 3		MARCH =====										
THERMAL UNIT		67	68	69	70	71	72	73						
		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE						
		2	3	4	1	1	2	3						
-----	YEAR 2011	-----												
SEASONAL	HEAT RATE PROFILE	0	0	0	0	164	164	164						
-----	YEAR 2012	-----												
-----	YEAR 2013	-----												
-----	YEAR 2014	-----												
-----	YEAR 2015	-----												
-----	YEAR 2016	-----												
-----	YEAR 2017	-----												
-----	YEAR 2018	-----												
-----	YEAR 2019	-----												
-----	YEAR 2020	-----												
-----	YEAR 2021	-----												
-----	YEAR 2022	-----												
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-----	YEAR 2025	-----												
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-----	YEAR 2029	-----												
-----	YEAR 2030	-----												
-----	YEAR 2031	-----												
-----	YEAR 2032	-----												
-----	YEAR 2033	-----												
-----	YEAR 2034	-----												
-----	YEAR 2035	-----												
-----	YEAR 2036	-----												

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 QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

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

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

```

```

SEASONAL HEAT RATE PROFILE
          0          0          0          0          0          0          0
----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
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----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

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

```

```

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 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2020 -----
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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	DRESD2	CT_APC0
		1	2	1	1	1	1	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3 MARCH =====		89	90	91	92	93	94	96
THERMAL UNIT		LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APC0
		1	2	1	1	1	1	1
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								

3B Input Summary.txt

----- YEAR 2024 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----		SEASON 3	MARCH -----					
THERMAL UNIT		97	98	99	100	101	102	103
		CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
		1	1	1	1	1	1	1
-----	YEAR 2011	-----						
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 -----		===== SEASON 3 MARCH =====						
THERMAL UNIT		104	105	106	107	108	109	110
		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP	NUKE_KP
		1	1	1	1	1	1	1
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
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-----	YEAR 2025 -----							
-----	YEAR 2026 -----							
-----	YEAR 2027 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3 MARCH =====								
THERMAL UNIT		104	105	106	107	108	109	110
		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP	NUKE_KP
		1	1	1	1	1	1	1
-----	YEAR 2028 -----							
-----	YEAR 2029 -----							
-----	YEAR 2030 -----							
-----	YEAR 2031 -----							
-----	YEAR 2032 -----							
-----	YEAR 2033 -----							
-----	YEAR 2034 -----							
-----	YEAR 2035 -----							
-----	YEAR 2036 -----							
-----	YEAR 2037 -----							
-----	YEAR 2038 -----							
-----	YEAR 2039 -----							
-----	YEAR 2040 -----							

===== SEASON 3 MARCH =====								
THERMAL UNIT		111	112	113	114	115	116	118
		CT_OHIO	CC_OH	IGCC_OH	PC_UL_OH	NUKE_OH	CC_FA_KP	BS1_Gas
		1	1	1	1	1	1	1
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							

----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT		119	120	121	122	126	127	129
	BS_RPWR	1	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 -----
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 ----- YEAR 2039 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----	YEAR 2040	-----						
	===== SEASON 3	MARCH =====						
THERMAL UNIT			119	120	121	122	126	127
			BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR
			1	1	23	1	5	6
								CR1_NGCC
								1
	===== SEASON 3	MARCH =====						
THERMAL UNIT			130	131	132	133	134	135
			CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD
			2	5	5	1	2	4
								RP1D_KP
								1
-----	YEAR 2011	-----						
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
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-----	YEAR 2030	-----						
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-----	YEAR 2035	-----						
-----	YEAR 2036	-----						
-----	YEAR 2037	-----						

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

----- SEASON 3 MARCH -----		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
----- 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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----- SEASON 3 MARCH -----		189	190	191	193	194	195	196
THERMAL UNIT		RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
		2	4	4	1	2	1	2
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								

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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	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50	
	2	4	4	1	2	1	2	
----- YEAR 2018 -----								
----- YEAR 2019 -----								
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===== SEASON 3		MARCH =====						
THERMAL UNIT	500	501	502	503	955	956	957	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0	
	0	0	0	0	955	956	957	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2011 -----								
----- YEAR 2012 -----								
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 ----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT	958	959	960	961	962	963	964	
	CT_KPFC	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	
	958	959	960	961	962	963	964	

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3	MARCH =====							
THERMAL UNIT	958	959	960	961	962	963	964	
	CT_KPFC	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	
	958	959	960	961	962	963	964	

----- YEAR 2030 -----
 ----- YEAR 2031 -----
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===== SEASON 3	MARCH =====							
THERMAL UNIT	965	966	967	968	969	970	971	
	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	965	966	967	968	969	970	971	

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

----- YEAR 2012 -----
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===== SEASON 3	MARCH =====							
THERMAL UNIT	972	973	974	975	976	977	978	
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	972	973	974	975	976	977	978	

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 3 MARCH =====							
	979	980	981	982	983	984	985	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	979	980	981	982	983	984	985	
	979	980	981	982	983	984	985	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
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===== SEASON 3	MARCH =====							
THERMAL UNIT	986	987	988	989	990	991	992	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	986	987	988	989	990	991	992	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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===== SEASON 3	MARCH =====							
THERMAL UNIT	993	994	995	996	997	998	999	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP	
	993	994	995	996	997	998	999	

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3 MARCH							
	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998 T4_TRONA 998	999 DUMMY_OP 999	
YEAR 2023								
YEAR 2024								
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YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 4 APRIL						
	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
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 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT		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 -----	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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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	2	CARD 3	3	CLIFTY	1	CLIFTY	2	CLIFTY	3	CLIFTY	4	CLIFTY	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	6	CLINCH R	1	CLINCH R	2	CLINCH R	3	ROCKP_KP	1	ROCKP_KP	2	CSVL 1-4	3

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---	---	---

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

===== SEASON 4 APRIL =====

THERMAL UNIT	3B Input Summary.txt						
	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 ----- 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 -----							
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----- YEAR 2040 -----							

THERMAL UNIT	===== SEASON 4 APRIL =====						
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 4 APRIL =====						
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
----- YEAR 2014 -----							
----- YEAR 2015 -----							

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THERMAL UNIT	SEASON 4		APRIL		38		39		40		41		42		43		44	
	KYGER	1	KYGER	2	KYGER	3	KYGER	4	KYGER	5	MITCHELL	1	MITCHELL	2				
SEASONAL HEAT RATE PROFILE	0		0		0		0		0		0		0		0		0	
----- YEAR 2011 -----																		
----- YEAR 2012 -----																		
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===== SEASON 4 APRIL =====			45	46	47	48	49	50	51
THERMAL UNIT			MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
			1	1	2	3	4	5	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		45	0	0	0	0	0	0
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2013 -----									
----- YEAR 2014 -----	SEASONAL HEAT RATE PROFILE		150	0	0	0	0	0	0
----- YEAR 2015 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
----- YEAR 2023 -----									
----- YEAR 2024 -----									

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 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	P SPORN
			1	1	2	3	4	5	1
----- YEAR 2025 -----									
----- YEAR 2026 -----									
----- YEAR 2027 -----									
----- YEAR 2028 -----									
----- YEAR 2029 -----									
----- YEAR 2030 -----									
----- YEAR 2031 -----									
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----- 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 -----									
----- YEAR 2015 -----									
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===== 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	APRIL	59	61	62	63	64	65	66
THERMAL UNIT		ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
		2	1	2	3	4	3	1
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
SEASON	APRIL	67	68	69	70	71	72	73
THERMAL UNIT		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
		2	3	4	1	1	2	3
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE		0	0	0	0	162	162	162
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====		75	76	77	78	79	80	81
THERMAL UNIT	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
	1	2	3	4	5	6		1
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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===== SEASON 4 APRIL =====		82	83	84	85	86	87	88
THERMAL UNIT	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN
	2	3	4	5	6		1	2
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 4		APRIL		-----		-----		-----		-----		
	DARBY	82	DARBY	83	DARBY	84	DARBY	85	DARBY	86	LWBG WIN	87	88
	2		3		4		5		6		1		2
----- YEAR 2016 -----													
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THERMAL UNIT	SEASON 4		APRIL		-----		-----		-----		-----			
	LWBG SMR	89	LWBG SMR	90	WATR CC	91	WATR2	92	DRESDEN	93	DRESD2	94	CT_APC0	96
	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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 ----- 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
----- 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 2026 -----								
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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

1 1 1 1 1 1

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

===== SEASON 4 APRIL =====
 THERMAL UNIT
 104 105 106 107 108 109 110
 PC_UL_IM NUKE_IM CT_KPCO CC_KPCO IGCC_KP PC_UL_KP NUKE_KP
 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 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====
 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

3B Input Summary.txt

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	4	APRIL	111	112	113	114	115	116	118
THERMAL UNIT			CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
			1	1	1	1	1	1	1
YEAR 2040									
SEASON	4	APRIL	119	120	121	122	126	127	129
THERMAL UNIT			BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
			1	1	23	1	5	6	1
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									

3B Input Summary.txt

----- YEAR 2018 -----
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===== SEASON 4	APRIL =====							
THERMAL UNIT		130	131	132	133	134	135	136
	CR2_NGCC	2	MR5_NGCC	5	MR5_FGD	5	RP1D_IM	1
					RP2D_IM	2	TAN4_FGD	4
								RP1D_KP
								1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
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 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
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	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 =====							
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 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2039 -----

3B Input Summary.txt

----- YEAR 2040 -----		===== SEASON 4 APRIL =====						
THERMAL UNIT		189	190	191	193	194	195	196
		RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
		2	4	4	1	2	1	2
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
-----	YEAR 2016 -----							
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-----	YEAR 2037 -----							
-----	YEAR 2038 -----							
-----	YEAR 2039 -----							
-----	YEAR 2040 -----							
===== SEASON 4 APRIL =====								
THERMAL UNIT		500	501	502	503	955	956	957
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	0	955	956	957
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4	APRIL =====							
THERMAL UNIT		501	502	503	955	956	957	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0	
	0	0	0	0	955	956	957	

----- YEAR 2030 -----
----- YEAR 2031 -----
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===== SEASON 4	APRIL =====							
THERMAL UNIT		959	960	961	962	963	964	
	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_RPWR	
	958	959	960	961	962	963	964	

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
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-----	SEASON	4	APRIL	-----							
THERMAL UNIT					965	966	967	968	969	970	971
					RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
					965	966	967	968	969	970	971

-----	YEAR 2011	-----									
SEASONAL	HEAT RATE	PROFILE			0	0	0	0	0	0	0
-----	YEAR 2012	-----									
-----	YEAR 2013	-----									
-----	YEAR 2014	-----									
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QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		972	973	974	975	976	977	978
THERMAL UNIT		RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
----- YEAR 2011 -----		972	973	974	975	976	977	978
SEASONAL HEAT RATE PROFILE		972	973	974	975	976	977	978
----- YEAR 2012 -----		0	0	0	0	0	0	0
----- YEAR 2013 -----								
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===== SEASON 4 APRIL =====		979	980	981	982	983	984	985
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
----- YEAR 2011 -----		979	980	981	982	983	984	985
SEASONAL HEAT RATE PROFILE		979	980	981	982	983	984	985
----- YEAR 2012 -----		0	0	0	0	0	0	0
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THERMAL UNIT	===== SEASON 4 APRIL =====						
	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992
----- 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 -----							
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----- YEAR 2022 -----							

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 4 APRIL =====						
	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							

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===== SEASON 4		APRIL =====						
THERMAL UNIT		993	994	995	996	997	998	999
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP
		993	994	995	996	997	998	999
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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===== SEASON 5		MAY =====						
THERMAL UNIT		1	2	3	4	5	6	7
		AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
		1	2	3	6	1	2	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5		MAY =====						
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
===== SEASON 5		MAY =====						
THERMAL UNIT	8	9	10	11	12	13	14	
	CARD 1+2	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 -----								
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===== SEASON 5		MAY =====						
THERMAL UNIT	15	16	17	18	19	20	21	
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4	
	6	1	2	3	1	2	3	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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THERMAL UNIT	SEASON 5		MAY					
	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 ----- 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.

THERMAL UNIT	SEASON 5		MAY					
	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 2014 -----								
----- YEAR 2015 -----								
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THERMAL UNIT	SEASON 5		MAY					
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAUHA 1	37 KANAUHA 2	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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===== SEASON 5	MAY =====	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 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	-----							
-----	YEAR 2029	-----							
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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	-----						
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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	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2011 -----								
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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	
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 5 MAY =====

3B Input Summary.txt

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 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 -----							
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===== 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 -----								
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===== SEASON 5			MAY =====							
THERMAL UNIT			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 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0	
----- YEAR 2012 -----										
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===== SEASON 5			MAY =====							
THERMAL UNIT			LWBG SMR 89	LWBG SMR 90	WATR CC 91	WATR2 92	DRESDEN 93	DRESD2 94	CT_APCO 96	
			1	2	1	1	1	1	1	
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0	
----- YEAR 2012 -----										
----- YEAR 2013 -----										
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5		MAY =====							
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 2028 -----									
----- YEAR 2029 -----									
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===== SEASON 5		MAY =====						
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	
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===== SEASON 5		MAY =====					
THERMAL UNIT	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5	MAY =====							
THERMAL UNIT		104	105	106	107	108	109	110
		PC_UL_IM	NUKE_IM	CT_KPC0	CC_KPC0	IGCC KP	PC_UL_KP	NUKE_KP
		1	1	1	1	1	1	1

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

===== SEASON 5	MAY =====							
THERMAL UNIT		111	112	113	114	115	116	118
		CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
		1	1	1	1	1	1	1

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

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

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

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

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===== SEASON 5	MAY =====							
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 -----