

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	1 SO2 (E)						
	130 CR2_MGCC 2	131 MR5_MGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	1 SO2 (E)						
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_16% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.69
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.69
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.67
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.67
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.70
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.70
----- YEAR 2014 -----							
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.61
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.61
----- YEAR 2016 -----							
----- YEAR 2017 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.59
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.59

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)						
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_16% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.52
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.52
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							

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

EFFLUENT THERMAL UNIT	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EFFLUENT THERMAL UNIT	201	500 DUMMY_OF 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 CT_KP50 955	956 CT_KP50 956
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 2013 -----

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

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

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

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

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

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

----- YEAR 2021 -----
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 ----- YEAR 2026 -----

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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 S02 (E)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
		0	0	0	0	0	955	956
----- YEAR 2027 -----								
----- YEAR 2028 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

----- YEAR 2012 -----
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----- YEAR 2027 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	1 S02 (E)							
THERMAL UNIT		964	965	966	967	968	969	970
	BS2 FGD		DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC
		964	965	966	967	968	969	970

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

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

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 QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	1 S02 (E)	964	965	966	967	968	969	970
THERMAL UNIT		BS2_FGD	DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MRS_NGCC
		964	965	966	967	968	969	970

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

EFFLUENT	1 S02 (E)	971	972	973	974	975	976	977
THERMAL UNIT		RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	1 S02 (E)	978	979	980	981	982	983	984
THERMAL UNIT		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		978	979	980	981	982	983	984

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

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

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

EFFLUENT THERMAL UNIT	1 S02 (E)							
	985 DUMMY_OP	986 DUMMY_OP	987 DUMMY_OP	988 DUMMY_OP	989 DUMMY_OP	990 DUMMY_OP	991 DUMMY_OP	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

1B Input Summary.TXT

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

1 S02 (E)

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

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

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

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

EFFLUENT THERMAL UNIT
1 S02 (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 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT
1 S02 (E) 999
DUMMY_OP 999

----- 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
2 CO2 (S)
AMOS 1 AMOS 2 AMOS_OP 3 BECKJORD 4 BIG SAND 5 BIG SAND 6 CARD 1+2 7

1B Input Summary.TXT

	1	2	3	6	1	2	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	208.40	208.40	208.40	205.30	205.30	205.30	209.93
EMISSIONS DATA AT MINIMUM	208.40	208.40	208.40	205.30	205.30	205.30	209.93
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
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----- YEAR 2030 -----							
----- YEAR 2031 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT

2 CO2 (S)

	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	209.93	209.93	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	209.93	209.93	0.00	0.00	0.00	0.00	0.00
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
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----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

----- YEAR 2023 -----
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 ----- YEAR 2031 -----

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
EMISSIONS DATA AT MAXIMUM	0.00	205.30	205.30	205.30	211.74	211.74	205.30
EMISSIONS DATA AT MINIMUM	0.00	205.30	205.30	205.30	211.74	211.74	205.30
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
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1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	208.40	210.66	210.66	0.00	0.00	205.82	205.82	
EMISSIONS DATA AT MINIMUM	208.40	210.66	210.66	0.00	0.00	205.82	205.82	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	208.40	210.66	210.66	0.00	0.00	206.11	206.11	
EMISSIONS DATA AT MINIMUM	208.40	210.66	210.66	0.00	0.00	206.11	206.11	
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	208.40	210.66	210.66	0.00	0.00	205.30	205.30	
EMISSIONS DATA AT MINIMUM	208.40	210.66	210.66	0.00	0.00	205.30	205.30	
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2018 -----								
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INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2	CO2 (\$)	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 2040 -----															
EFFLUENT THERMAL UNIT	2	CO2 (\$)	29	30	33	34	35	36	37						
	GLEN LYN		5	GLEN LYN	6	KAMMER	1	KAMMER	2	KAMMER	3	KANAWHA	1	KANAWHA	2
----- YEAR 2011 -----															
EMISSIONS DATA AT MAXIMUM			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 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2	CO2 (\$)	38	39	40	41	42	43	44						
	KYGER		1	KYGER	2	KYGER	3	KYGER	4	KYGER	5	MITCHELL	1	MITCHELL	2
----- YEAR 2011 -----															
EMISSIONS DATA AT MAXIMUM			0.00	0.00	0.00	0.00	0.00	0.00	208.77	208.77					
EMISSIONS DATA AT MINIMUM			0.00	0.00	0.00	0.00	0.00	0.00	208.77	208.77					
EMISSIONS DATA PROFILE			0	0	0	0	0	0	0	0					
----- YEAR 2012 -----															
----- YEAR 2013 -----															
----- YEAR 2014 -----															

----- YEAR 2015 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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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 -----								

1B Input Summary.TXT

----- YEAR 2019 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (S)	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		205.30	205.30	205.30	205.30	205.30	211.74	211.74
EMISSIONS DATA AT MINIMUM		205.30	205.30	205.30	205.30	205.30	211.74	211.74
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
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 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	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
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----- YEAR 2024 -----
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 ----- YEAR 2040 -----

1B Input Summary.TXT

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	205.30	205.30	211.22	208.60	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	205.30	205.30	211.22	208.60	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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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 -----							
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2034 -----
 ----- YEAR 2035 -----
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 ----- YEAR 2040 -----

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

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

----- YEAR 2012 -----
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1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)							96 CT_APC0 1
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRES2 1		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
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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 (\$)							
	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	
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----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KP CO 1	107 CC_KP CO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	205.30	0.00	0.00	0.00	205.30	205.30	0.00	
EMISSIONS DATA AT MINIMUM	205.30	0.00	0.00	0.00	205.30	205.30	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

1B Input Summary.TXT

----- YEAR 2015 -----
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 ----- 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 -----
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 ----- YEAR 2019 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	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 -----							

1B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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EFFLUENT THERMAL UNIT	2 CO2 (S)						
	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1
----- 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 -----
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1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	205.30	212.58	212.58	212.03	212.58
EMISSIONS DATA AT MINIMUM	0.00	0.00	205.30	212.58	212.58	212.03	212.58
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
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----- 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

1B Input Summary.TXT

YEAR 2011	212.58	211.22	177.79	212.58	211.74	211.74	211.74
EMISSIONS DATA AT MAXIMUM	212.58	211.22	177.79	212.58	211.74	211.74	211.74
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							

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EFFLUENT THERMAL UNIT

2 CO2 (S)

	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
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							
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	2 CO2 (\$)	201 0	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 CT_KPC0 955	956 CT_KPC0 956
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

1B Input Summary.TXT

----- 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	2 CO2 (\$)						
	957 CT_KPC0 957	958 CT_KPC0 958	959 RP2D_KP 959	960 RP2D_IM 960	961 CSV6_SCR 961	962 CSV5_SCR 962	963 DUMMY_OP 963
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	212.58	212.58	210.66	210.66	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	212.58	212.58	210.66	210.66	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	964 BS2_FGD 964	965 DUMMY_KP 965	966 RP1D_KP 966	967 RP1D_03 967	968 CR2_NGCC 968	969 CR1_NGCC 969	970 MRS_NGCC 970
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	205.30	0.00	212.58	212.58	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	205.30	0.00	212.58	212.58	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	2 CO2 (\$)							
	964	965	966	967	968	969	970	
	BS2_FGD	DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	
	964	965	966	967	968	969	970	

----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	971	972	973	974	975	976	977	
	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	971	972	973	974	975	976	977	

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

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

1B Input Summary.TXT

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	978 DUMMY_OP	979 DUMMY_OP	980 DUMMY_OP	981 DUMMY_OP	982 DUMMY_OP	983 DUMMY_OP	984 DUMMY_OP	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 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	

1B Input Summary.TXT

978 979 980 981 982 983 984

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

2 CO2 (\$)

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

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

1B Input Summary.TXT

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

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

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

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	211.22
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	211.22
0	0	0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

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

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

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

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

0.00	0.00	0
------	------	---

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

1B Input Summary.TXT

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

EFFLUENT
 THERMAL UNIT

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

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2027 -----

1B Input Summary.TXT

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1 1	11 CLIFTY 2 2	12 CLIFTY 3 3	13 CLIFTY 4 4	14 CLIFTY 5 5	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

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)							
	8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1 1	11 CLIFTY 2 2	12 CLIFTY 3 3	13 CLIFTY 4 4	14 CLIFTY 5 5	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- 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 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
----- 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
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2	

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2	

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 EMISSIONS DATA PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----

1B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	38	39	40	41	42	43	44	
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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1B Input Summary.TXT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	38	39	40	41	42	43	44
	KYGER	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
	1	2	3	4	5	1	2	
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
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EFFLUENT THERMAL UNIT	3 CO2 (G)	45	46	47	48	49	50	51
	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	1	1	2	3	4	5	5	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 -----
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 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM	
	2	3	4	5	5	1	1	
----- YEAR 2011 -----								

1B Input Summary.TXT

YEAR	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA PROFILE					
2011	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
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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)							
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1	
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012								
2013								
2014								
2015								
2016								

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTHONE 1	72 ROBTHONE 2	73 ROBTHONE 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	3 CO2 (G)							81 DARBY 1
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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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)							81 DARBY 1
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6		
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	DARBY 82 2	DARBY 83 3	DARBY 84 4	DARBY 85 5	DARBY 86 6	LWBG WIN 87 1	LWBG WIN 88 2	
EMISSIONS DATA AT MAXIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85	
EMISSIONS DATA AT MINIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	LWBG SMR 89 1	LWBG SMR 90 2	WATR CC 91 1	WATR2 92 1	DRESDEN 93 1	DRESD2 94 1	CT_APCO 96 1
EMISSIONS DATA AT MAXIMUM	116.00	116.00	118.85	116.00	116.00	116.00	116.00
EMISSIONS DATA AT MINIMUM	116.00	116.00	118.85	116.00	116.00	116.00	116.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2019 -----

----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- 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 DRES2 1	96 CT_APC0 1	

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

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

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2026 -----

1B Input Summary.TXT

----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	116.00	116.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	116.00	116.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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

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

EFFLUENT	3 CO2 (G)	111	112	113	114	115	116	118
THERMAL UNIT		CT_OHIO	CC_OH	IGCC_OH	PC_UL_OH	NUKE_OH	CC_FA_KP	BS1_Gas
		1	1	1	1	1	1	1

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

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

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

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

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

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

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

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

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

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

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

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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	3 CO2 (G)	119	120	121	122	126	127	129
THERMAL UNIT		BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CRI_NGCC
		1	1	23	1	5	6	1

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	130 CR2_NGCC 2	131 MRS_NGCC 5	132 MRS_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 MRS_NGCC 5	132 MRS_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 -----							

1B Input Summary.TXT

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

3 CO2 (G)	137	144	153	185	186	187	188
	RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
	2	4	1	1	1	2	1

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)	201	500	501	502	503	955	956
--------------------------	-----------	-----	-----	-----	-----	-----	-----	-----

	1B Input Summary.TXT		DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0
	DUMMY_OP	DUMMY_IM				
----- YEAR 2011 -----	0	0	0	0	955	956
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	116.00	116.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	116.00	116.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
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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 -----						

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	957	958	959	960	961	962	963
CT_KPC0	957	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP
		958	959	960	961	962	963
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	116.00	116.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	116.00	116.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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 ----- YEAR 2030 -----
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 ----- 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.

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
	BS2_FGD		DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC
		964	965	966	967	968	969	970

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2029 -----

1B Input Summary.TXT

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

1B Input Summary.TXT
0.00 0.00 0.00 0.00 0.00 0.00 0.00
0 0 0 0 0 0 0

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT 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 -----
----- YEAR 2014 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

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 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	3 CO2 (G)							T4_TROWA 998
	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

1B Input Summary.TXT

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

EFFLUENT
THERMAL UNIT

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	4 NOX (B)							
	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2	
	1	2	3	6	1	2	1	1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.21	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.21	2.76	0.45	0.48	
EMISSIONS DATA PROFILE	53	54	3	0	5	7	8	
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48	
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48	
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48	
----- YEAR 2015 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48	
----- YEAR 2016 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48	
----- YEAR 2017 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48	
----- YEAR 2018 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48	
----- YEAR 2019 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48	
----- YEAR 2020 -----								
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48	
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48	
----- YEAR 2021 -----								
----- YEAR 2022 -----								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
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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 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2	
	1	2	3	6	1	2	1	1
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	4 MOX (B)							
	CARD 1+2 8 2	CARD 3 9 3	CLIFTY 10 1	CLIFTY 11 2	CLIFTY 12 3	CLIFTY 13 4	CLIFTY 14 5	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.49	0.52	0.00	0.00	0.00	0.00	0.00	
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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 MOX (B)						
	CLIFTY 15 6	CLINCH R 16 1	CLINCH R 17 2	CLINCH R 18 3	ROCKP_KP 19 1	ROCKP_KP 20 2	CSVL 1-4 21 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	1.99	2.01	1.96	1.81	1.82	4.10
EMISSIONS DATA AT MINIMUM	0.00	1.99	2.01	1.96	1.81	1.82	4.10
EMISSIONS DATA PROFILE	0	11	12	13	45	46	14
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (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 NOX (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 -----
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 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

1B Input Summary.TXT

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

4 NOX (B)

	29	30	33	34	35	36	37
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
	5	6	1	2	3	1	2

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

6.71	3.95	4.82	4.85	4.66	2.14	2.09
6.71	3.95	4.82	4.85	4.66	2.14	2.09
20	21	22	23	24	25	26

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2031 -----
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 ----- 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	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 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
	4 NOX (B)							
	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.70	5.80	4.60	5.38	3.51	0.57	2.79	
EMISSIONS DATA AT MINIMUM	0.70	5.80	4.60	5.38	3.51	0.57	2.79	
EMISSIONS DATA PROFILE	33	34	35	36	37	38	39	

1B Input Summary.TXT

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

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

1B Input Summary.TXT

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

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

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 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3
----- YEAR 2019 -----							
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
----- YEAR 2020 -----							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DARBY 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.39
EMISSIONS DATA AT MINIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.39
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

1B Input Summary.TXT

	2	3	4	5	6	1	2
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.09
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.09
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
----- YEAR 2017 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
----- YEAR 2018 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
----- YEAR 2019 -----							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	82	83	84	85	86	87	88	
	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LWBG WIN 1	LWBG WIN 2	
----- YEAR 2020 -----								
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08	
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08	
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

1B Input Summary.TXT

EFFLUENT THERMAL UNIT	4 NOX (B)						
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRES2 1	96 CT_APCO 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA AT MINIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.09	0.09	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA AT MINIMUM	0.09	0.09	0.09	0.09	0.13	0.09	0.12
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
EMISSIONS DATA AT MINIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.12
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
----- YEAR 2017 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2018 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.12
----- YEAR 2019 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
----- YEAR 2020 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.12
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- 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)						
	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.08	0.50	0.62	0.00	0.12	0.08	0.50
EMISSIONS DATA AT MINIMUM	0.08	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 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	4 NOX (B)						
	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KP CO 1	107 CC_KP CO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.62	0.00	0.41	0.06	0.50	0.62	0.00
EMISSIONS DATA AT MINIMUM	0.62	0.00	0.41	0.06	0.50	0.62	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							

----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- 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	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
----- YEAR 2011 -----	1	1	1	1	1	1	1
EMISSIONS DATA AT MAXIMUM	0.12	0.08	0.50	0.62	0.00	0.06	0.07
EMISSIONS DATA AT MINIMUM	0.12	0.08	0.50	0.62	0.00	0.06	0.07
EMISSIONS DATA PROFILE	0	0	0	0	0	0	5
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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1B Input Summary.TXT
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	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 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	4 NOX (B)	119 BS_RPWR 1	120 BS_BFCC 1	121 BS2_FGD 23	122 BS_BF50 1	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CRI_NGCC 1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.08	0.08	0.45	0.08	0.36	0.35	0.08
EMISSIONS DATA AT MINIMUM		0.08	0.08	0.45	0.08	0.36	0.35	0.08
EMISSIONS DATA PROFILE		0	0	7	0	60	61	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

1B Input Summary.TXT

EFFLUENT THERMAL UNIT	4 NOX (B)	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	
----- YEAR 2011 -----	2	5	5	1	2	4	1	
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.52	0.40	0.40	2.54	0.38	
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.52	0.40	0.40	2.54	0.38	
EMISSIONS DATA PROFILE	0	0	65	66	67	51	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2033 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	130	131	132	133	134	135	136
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	
----- YEAR 2040 -----	2	5	5	1	2	4	1	
EFFLUENT THERMAL UNIT	4 NOX (B)	137	144	153	185	186	187	188
	RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP	
----- YEAR 2011 -----	2	4	1	1	1	2	1	
EMISSIONS DATA AT MAXIMUM	1.51	2.54	0.73	0.40	1.84	1.73	1.84	
EMISSIONS DATA AT MINIMUM	1.51	2.54	0.73	0.40	1.84	1.73	1.84	
EMISSIONS DATA PROFILE	0	51	28	66	45	46	45	
----- YEAR 2012 -----								

1B Input Summary.TXT

----- 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 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 -----

EFFLUENT
 THERMAL UNIT

4 NOX (B)

189	190	191	193	194	195	196
RP2TR_KP	T4_TROMA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
2	4	4	1	2	1	2

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

1.73	2.70	2.70	0.55	0.49	0.55	0.49
1.73	2.70	2.70	0.55	0.49	0.55	0.49
0	51	51	0	0	0	0

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	4 NOX (B)						
	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
	0	0	0	0	0	955	956
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.41	0.41
EMISSIONS DATA AT MINIMUM	2.18	0.00	0.00	0.00	0.00	0.41	0.41
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 352

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KPC0	956 CT_KPC0
	0	0	0	0	0	955	956
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							

1B Input Summary.TXT

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

EFFLUENT
 THERMAL UNIT

4 NOX (B)

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

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

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

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

EFFLUENT
 THERMAL UNIT

4 NOX (B)

	964	965	966	967	968	969	970
BS2_FGD	964	DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC
	964	965	966	967	968	969	970

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

	0.45	0.00	0.38	0.40	0.08	0.08	0.08
	0.45	0.00	0.38	0.40	0.08	0.08	0.08
	7	0	0	66	0	0	0

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 16:07:51 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	964 BS2_FGD	965 DUMMY_KP	966 RP1D_KP	967 RP1D_03	968 CR2_NGCC	969 CR1_NGCC	970 MR5_NGCC	
----- YEAR 2026 -----	964	965	966	967	968	969	970	
----- YEAR 2027 -----	964	965	966	967	968	969	970	
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- 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	
----- YEAR 2011 -----	971	972	973	974	975	976	977	
EMISSIONS DATA AT MAXIMUM	1.73	1.73	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	1.73	1.73	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	46	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								

1B Input Summary.TXT

----- 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 -----

EFFLUENT
 THERMAL UNIT

4 MOX (B)

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

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

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

EFFLUENT	4 NOX (B)						
THERMAL UNIT		992	993	994	995	996	997
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA
		992	993	994	995	996	997

1B Input Summary.TXT

----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.70
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.70
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	51

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

EFFLUENT THERMAL UNIT 4 NOX (B) 999
 DUMMY_OP 999

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 355

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT 4 NOX (B) 999
 DUMMY_OP 999

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

1B Input Summary.TXT

----- 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 -----

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

EMISSIONS DATA AT MINIMUM	0.00	1B Input Summary.TXT 0.00	0.00	0.00	4.24	4.24	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 -----							
----- 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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VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5	
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
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----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								

1B Input Summary.TXT

----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	5 NSR 802						
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.75	0.78	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.75	0.78	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.75	0.70	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.75	0.70	0.00
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.82	0.76	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.82	0.76	0.00
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.82	0.38	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.82	0.38	0.00
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.79	0.34	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.79	0.34	0.00
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.20	0.34	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.20	0.34	0.00
----- YEAR 2017 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.12	0.34	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.12	0.34	0.00
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.12	0.34	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.12	0.34	0.00
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							

1B Input Summary.TXT

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

EFFLUENT	5 NSR S02	22	23	24	25	26	27	28
THERMAL UNIT		CSV1 1-4	CSV1 5+6	CSV1 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2

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

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

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	5 NSR S02	22	23	24	25	26	27	28
THERMAL UNIT		CSV1 1-4	CSV1 5+6	CSV1 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2020 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	5 NSR S02	29	30	33	34	35	36	37
THERMAL UNIT		GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
		5	6	1	2	3	1	2

1B 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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

5 NSR SO2	38	39	40	41	42	43	44
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
	1	2	3	4	5	1	2

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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----- YEAR 2024 -----
 ----- YEAR 2025 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

EFFLUENT THERMAL UNIT	5 NSR SO2							
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 16:07:52 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	5 NSR SO2						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	5 NSR SO2						
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTHONE 1	72 ROBTHONE 2	73 ROBTHONE 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	5 NSR S02	75 CEREDO	76 CEREDO	77 CEREDO	78 CEREDO	79 CEREDO	80 CEREDO	81 DARBY
		1	2	3	4	5	6	1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 16:07:52 V04.0 R03.0

NewEnergy Associates
 Strategist Page 360

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

1B Input Summary.TXT

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

EFFLUENT
 THERMAL UNIT

5 NSR SO2

82	83	84	85	86	87	88
DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN
2	3	4	5	6	1	2

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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

1B Input Summary.TXT

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

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

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

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

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

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

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

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

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

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

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

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 361

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR S02							
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 1	96 CT_APC0 1	
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	5 NSR S02							
	97 CC_APC0 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

1B Input Summary.TXT

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

EFFLUENT
 THERMAL UNIT

5 MSR S02

	104	105	106	107	108	109	110
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP	NUKE_KP
	1	1	1	1	1	1	1

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----

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

----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	5 NSR 802						
	119 BS_RPWR 1	120 BS_BFCC 1	121 BS2 FGD 23	122 BS_BF50 1	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CRI_NGCC 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.08	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.08	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	1.66	0.00	0.00	0.00	0.00
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	1.60	0.00	0.00	0.00	0.00
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	1.58	0.00	0.00	0.00	0.00
----- YEAR 2015 -----							
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2017 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2018 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2019 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.11	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.11	0.00	0.00	0.00	0.00
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 363

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT

5 NSR 802

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	5 NSR S02 130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.75
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.75
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.82
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.82
----- YEAR 2014 -----							
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.79
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.79
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.12
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.12
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

1B Input Summary.TXT

Year	EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM						
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2015 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								

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

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NewEnergy Associates
Strategist Page 364

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

Year	EFFLUENT THERMAL UNIT	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 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
	EFFLUENT THERMAL UNIT	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.14	0.14	0.14	0.14	0.14

1B Input Summary.TXT

----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.14	0.14	0.14	0.14	0.14
----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.15	0.15	0.15	0.15	0.15
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.15	0.15	0.15	0.15	0.15
----- YEAR 2015 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14	0.14
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13	0.13
----- YEAR 2020 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14	0.14
----- YEAR 2021 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13	0.13
----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.12	0.12	0.12	0.12	0.12
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.12	0.12	0.12	0.12	0.12
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
EFFLUENT	5 NSR S02							
THERMAL UNIT	201	500	501	502	503	955	956	
	0	DUMMY_OF	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	
		0	0	0	0	955	956	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 † 02/07/13 16:07:53 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EMISSIONS DATA AT MINIMUM 0.00 1B Input Summary.TXT 0.00 0.00 0.00 0.00

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

EFFLUENT THERMAL UNIT 5 MSR SO2 964 965 966 967 968 969 970
 BS2_FGD DUMMY_KP RP1D_KP RP1D_03 CR2_NGCC CR1_NGCC MR5_NGCC
 964 965 966 967 968 969 970

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM 0.08 0.00 0.75 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.08 0.00 0.75 0.00 0.00 0.00 0.00
 EMISSIONS DATA PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 EMISSIONS DATA AT MAXIMUM 1.66 0.00 0.75 0.00 0.00 0.00 0.00
 ----- YEAR 2013 -----
 EMISSIONS DATA AT MAXIMUM 1.60 0.00 0.82 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.08 0.00 0.82 0.00 0.00 0.00 0.00
 ----- YEAR 2014 -----
 EMISSIONS DATA AT MAXIMUM 1.58 0.00 0.82 0.00 0.00 0.00 0.00
 ----- YEAR 2015 -----
 EMISSIONS DATA AT MAXIMUM 1.58 0.00 0.79 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.08 0.00 0.79 0.00 0.00 0.00 0.00
 ----- YEAR 2016 -----
 EMISSIONS DATA AT MAXIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 ----- YEAR 2017 -----
 EMISSIONS DATA AT MAXIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 ----- YEAR 2018 -----
 EMISSIONS DATA AT MAXIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 ----- YEAR 2019 -----
 EMISSIONS DATA AT MAXIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.10 0.00 0.12 0.00 0.00 0.00 0.00
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 EMISSIONS DATA AT MAXIMUM 0.11 0.00 0.12 0.00 0.00 0.00 0.00
 EMISSIONS DATA AT MINIMUM 0.11 0.00 0.12 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 -----

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	964	965	966	967	968	969	970
	BS2_FGD	DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MRS_NGCC	
		964	965	966	967	968	969	970

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

EFFLUENT THERMAL UNIT	5 NSR S02	971	972	973	974	975	976	977
	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		971	972	973	974	975	976	977

----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2012 -----								
EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00

----- YEAR 2013 -----								
EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00

----- YEAR 2014 -----								
EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00

----- YEAR 2015 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

----- YEAR 2022 -----								
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

1B 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	5 NSR SO2							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

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1B Input Summary.TXT
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2						
	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	5 NSR SO2						
	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	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							

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

EFFLUENT
THERMAL UNIT

5 NSR S02 999
 DUMMY_OF
 999

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

5 NSR S02 999
 DUMMY_OF
 999

----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----

1B 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

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

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

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

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

EFFLUENT

6 HG (E)

THERMAL UNIT	1B Input Summary.TXT						
	8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1	11 CLIFTY 2	12 CLIFTY 3	13 CLIFTY 4	14 CLIFTY 5
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT 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 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)						
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	6 HG (E)							
	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2	
EMISSIONS DATA AT MAXIMUM	0.00	0.01	0.01	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.01	0.01	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EFFLUENT
 THERMAL UNIT

6 HG (E)	29	30	33	34	35	36	37
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAUHA	KANAUHA
	5	6	1	2	3	1	2

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

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

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	6 HG (E)							
	38	39	40	41	42	43	44	
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

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

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 16:07:54 V04.0 R03.0

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.01	0.01	0.01	0.01	0.02	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.01	0.01	0.01	0.01	0.02	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							

----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2027 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TAMN 1-3 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TAMN 1-3 1
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							

1B 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)							
	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	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	

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

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

1B 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	0.00	0.00	0.00	0.00	0.00
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
2026								
2027								
2028								
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2030								
2031								
2032								
2033								
2034								

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	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 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	6 HG (E)							
	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	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 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	119 BS_RPWR	120 BS_BFCC	121 BS2_FGD	122 BS_BF50	126 CSV5_SCR	127 CSV6_SCR	129 CRI_NGCC
	1	1	23	1	5	6	1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.01	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.01	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 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 -----

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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	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 2031 -----							

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_18% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

EFFLUENT THERMAL UNIT	6 HG (E)							
	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 CT_KP0	956 CT_KP0	
----- YEAR 2011 -----	0	0	0	0	0	955	956	
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 -----								

1B Input Summary.TXT

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

EFFLUENT
 THERMAL UNIT

6 HG (E)

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

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

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

1B Input Summary.TXT

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	BS2_FGD 964	DUMMY_KP 965	RP1D_KP 966	RP1D_03 967	CR2_NGCC 968	CR1_NGCC 969	MR5_NGCC 970
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.01	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.01	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	BS2_FGD 964	DUMMY_KP 965	RP1D_KP 966	RP1D_03 967	CR2_NGCC 968	CR1_NGCC 969	MR5_NGCC 970

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	RP2TR_KP 971	RP2TR_IM 972	DUMMY_OP 973	DUMMY_OP 974	DUMMY_OP 975	DUMMY_OP 976	DUMMY_OP 977

1B Input Summary.TXT

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

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

EFFLUENT
 THERMAL UNIT

6 HG (E)

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- 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 = G&F.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 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)							
	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 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

1B 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	6 HG (E)							998 T4_TRONA 998
	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								

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

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EFFLUENT
THERMAL UNIT

6 HG (E)	992	993	994	995	996	997	998
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA
	992	993	994	995	996	997	998

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

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 -----

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

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

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

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

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

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

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

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

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

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

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

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

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

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

----- 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	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 -----			

1B Input Summary.TXT

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

THERMAL UNIT	2	AMOS	2
UNIT FUELS			1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 3 AMOS_OF 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

1B Input Summary.TXT

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----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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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          5    BIG SAND    1
UNIT FUELS              1

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

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

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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	5	BIG SAND	1
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	6	BIG SAND	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05	
UNIT FUEL TYPE	FUEL ID	6	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.10	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.12	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.12	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.42	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.47	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.14	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.56	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.59	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.62	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.65	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68	

----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.71
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.77
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.81
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.89
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.97
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.02
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.06
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.11
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.17
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.22
THERMAL UNIT	7	CARD 1+2	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.08
UNIT FUEL TYPE	FUEL ID		7
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
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----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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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 9 CARD 3 3
 UNIT FUELS 1
 ----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.08
 UNIT FUEL TYPE FUEL ID 9
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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 10 CLIFTY 1
 UNIT FUELS 1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 10 CLIFTY 1
 UNIT FUELS 1

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

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

 THERMAL UNIT 11 CLIFTY 2
 UNIT FUELS 1

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

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

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

THERMAL UNIT	12	CLIFTY	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		12

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	12	CLIFTY	3
UNIT FUELS			1

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

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

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

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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 -----

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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	15	CLIFTY	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	15	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
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----- 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 -----			

1B Input Summary.TXT

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----- YEAR 2040 -----
      THERMAL UNIT          16   CLINCH R   1
      UNIT FUELS              1

----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.11
UNIT FUEL TYPE           FUEL ID      16

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          17   CLINCH R   2
      UNIT FUELS              1

----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.11
UNIT FUEL TYPE           FUEL ID      17

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	17	CLINCH R	2
			1
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	18	CLINCH R	3
			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.11
UNIT FUEL TYPE	FUEL ID		18
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2024 -----			
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----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			

----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.98
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.00
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.02
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.05
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.07
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.09
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.12
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.14
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.17
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.20
THERMAL UNIT	20	ROCKP_KP	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		59
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.15
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.51
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.58
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.65
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.76
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.78
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.88
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.90
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.95

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```

----- YEAR 2032 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.98
----- YEAR 2033 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.01
----- YEAR 2034 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.04
----- YEAR 2035 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.07
----- YEAR 2036 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.10
----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.13
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.16
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.20
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.23

```

```

THERMAL UNIT      21      CSVL 1-4      3
UNIT FUELS              1

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT              %      100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.07
UNIT FUEL TYPE                 FUEL ID      21

```

```

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

```

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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
 ----- 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 -----

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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 -----

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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 25 D C COOK 1
UNIT FUELS 1

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

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

THERMAL UNIT 26 D C COOK 2
UNIT FUELS 1

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

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

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	26	D C COOK	2
UNIT FUELS			1

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

THERMAL UNIT	27	GAVIN	1
UNIT FUELS			1

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06
UNIT FUEL TYPE	FUEL ID	27

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

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

THERMAL UNIT	28	GAVIN	2
UNIT FUELS			1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	28	GAVIN	2
UNIT FUELS			1

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

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

THERMAL UNIT 29 GLEN LYN 5
 UNIT FUELS 1

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

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

THERMAL UNIT 30 GLEN LYN 6
 UNIT FUELS 1

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23
UNIT FUEL TYPE	FUEL ID	30

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	30	GLEN LYN	6
UNIT FUELS			1
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	31		0
UNIT FUELS			1

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

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

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

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-----	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 -----
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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	35	KAMMER	1	3
UNIT FUELS				

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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----- YEAR 2026 -----
 ----- YEAR 2027 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 35 KAMMER 3
 UNIT FUELS 1

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

THERMAL UNIT 36 KANAWHA 1
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.10
 UNIT FUEL TYPE FUEL ID 36

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

THERMAL UNIT	37	KANAWHA	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.10	
UNIT FUEL TYPE	FUEL ID	37	

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

THERMAL UNIT	38	KYGER	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	38	

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THERMAL UNIT
UNIT FUELS

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

38 KYGER 1 1

THERMAL UNIT
UNIT FUELS

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

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

39 KYGER 1 2

%	100.00
\$/MBTU	0.00
FUEL ID	39

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

THERMAL UNIT 40 KYGER 3
 UNIT FUELS 1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 40 KYGER 3
 UNIT FUELS 1

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

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

THERMAL UNIT	41	KYGER	4
UNIT FUELS			1

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

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

THERMAL UNIT	42	KYGER	5
UNIT FUELS			1

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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```

----- 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.

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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 -----

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1B Input Summary.TXT

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

THERMAL UNIT	47	MUSK RVR	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 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

%	100.00
\$/MBTU	0.05
FUEL ID	47

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	47	MUSK RVR	2
----- YEAR 2031 -----		1	
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	48	MUSK RVR	3
----- YEAR 2011 -----		1	
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 UNIT FUELS	49	MUSK RVR	4
		1	

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----- 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 -----

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

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

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----- 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 -----

1B Input Summary.TXT

----- 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
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%	100.00
\$/MBTU	0.10
FUEL ID	56

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

THERMAL UNIT	57	RPRET_IM	1
UNIT FUELS			1

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

%	100.00
\$/MBTU	0.06
FUEL ID	58

----- 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 57 RPRET_IM 1
UNIT FUELS 1

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

THERMAL UNIT 58 RPRUM_IM 1
UNIT FUELS 1

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

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

1B Input Summary.TXT

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----
 THERMAL UNIT 59 ROCKP_IM 2
 UNIT FUELS 1
 ----- YEAR 2011 -----
 MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS \$/MBTU 100.00
 UNIT FUEL TYPE FUEL ID 0.06
 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 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 59 ROCKP_IM 2
 UNIT FUELS 1
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

1B Input Summary.TXT

----- 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
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%	100.00
\$/MBTU	0.00
FUEL ID	0

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

THERMAL UNIT	61	STUART	1
UNIT FUELS			1

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

%	100.00
\$/MBTU	0.06
FUEL ID	61

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	62	STUART	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	62	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- 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 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 UNIT FUELS	64	STUART	4
		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	
UNIT FUEL TYPE	FUEL ID	64	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			

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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 -----			

1B Input Summary.TXT

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

THERMAL UNIT	66	TANN 1-3	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.24	
UNIT FUEL TYPE	FUEL ID	66	

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 66 TANN 1-3 1
 UNIT FUELS 1

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

THERMAL UNIT 67 TANN 1-3 2
 UNIT FUELS 1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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	68	TANN 1-3	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.24	
UNIT FUEL TYPE	FUEL ID	68	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- 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 -----			

1B Input Summary.TXT

----- 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 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 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2024 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

1B Input Summary.TXT

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

THERMAL UNIT	71	ROBTMONE	1
UNIT FUELS			1

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

%	0.00
\$/MBTU	0.00
FUEL ID	71

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2022 -----
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 ----- YEAR 2028 -----

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 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 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
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----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
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----- YEAR 2033 -----			
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----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	73	ROBTMONE	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		71
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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 ----- YEAR 2040 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	74	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		

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

 THERMAL UNIT 75 CEREDO 1
 UNIT FUELS 1

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

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

 THERMAL UNIT 76 CEREDO 2
 UNIT FUELS 1

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 76 CEREDO 2
UNIT FUELS 1

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

THERMAL UNIT 77 CEREDO 3
UNIT FUELS 1

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

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

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

THERMAL UNIT 78 CEREDO 4
 UNIT FUELS 1

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

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

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THERMAL UNIT 78 CEREDO 4
 UNIT FUELS 1
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT 79 CEREDO 5
 UNIT FUELS 1
 ----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 72

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

THERMAL UNIT 80 CEREDO 6
 UNIT FUELS 1
 ----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 72
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----

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

THERMAL UNIT 81 DARBY 1
UNIT FUELS 1

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

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

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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 -----
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----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- 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 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	83	DAREY	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	83	DAREY	3
UNIT FUELS			1
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	84	DAREY	4
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			

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

THERMAL UNIT	85	DARBY	5
UNIT FUELS			1

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	86	DARBY	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT 87 LWBG WIN 1

UNIT FUELS

1

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

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

THERMAL UNIT	88	LWBG WIN	2
UNIT FUELS			1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

88 LWBG WIN 2
 1

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

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

----- 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
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%	100.00
\$/MBTU	0.00
FUEL ID	71

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

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NewEnergy Associates
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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

1B Input Summary.TXT

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

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

THERMAL UNIT	92	WATR2	1
UNIT FUELS			1

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

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

1B Input Summary.TXT

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

THERMAL UNIT 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 -----

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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 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

1B Input Summary.TXT

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

THERMAL UNIT 94 DRES2 1
UNIT FUELS 1

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

 % 100.00
 \$/MBTU 0.00
 FUEL ID 73

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

THERMAL UNIT 95 0
UNIT FUELS 1

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

 % 100.00
 \$/MBTU 0.00
 FUEL ID 0

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

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

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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 -----			

1B Input Summary.TXT

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

THERMAL UNIT
 UNIT FUELS

97 CC_APCO 1
 1

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

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

% 100.00
 \$/MBTU 0.00
 FUEL ID 72

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	98	IGCC AP	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	45	

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

THERMAL UNIT	99	PC_UL_AP	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	45	

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

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

 THERMAL UNIT 100 Nuke_AP 1
 UNIT FUELS 1

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

 THERMAL UNIT 100 Nuke_AP 1
 UNIT FUELS 1

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

----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- 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 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	72

THERMAL UNIT	102	CC_I&M	1
UNIT FUELS			1

1B Input Summary.TXT

----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	72
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

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

1B Input Summary.TXT

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

THERMAL UNIT	104	PC_UL_IM	1
UNIT FUELS			1

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

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

```

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

```

```

THERMAL UNIT      105      NUKE_IM      1
UNIT FUELS                         1

```

```

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT      105      NUKE_IM      1
UNIT FUELS                         1

```

```

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

```

```

THERMAL UNIT      106      CT_KPCO      1
UNIT FUELS                         1

```

1B Input Summary.TXT

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

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

THERMAL UNIT	107	CC_KPCO	1
UNIT FUELS			1

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

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

----- 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 107 CC_KPCG 1
 UNIT FUELS 1

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

THERMAL UNIT 108 IGCC KP 1
 UNIT FUELS 1

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

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

1B Input Summary.TXT

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

THERMAL UNIT 109 PC_UL_KP 1
UNIT FUELS 1

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

 % 100.00
 \$/MBTU 0.00
 FUEL ID 45

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

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NewEnergy Associates
Strategist Page 427

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 110 NUKE_KP 1
UNIT FUELS 1

1B Input Summary.TXT

```

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

```

```

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

```

```

THERMAL UNIT          111   CT_OHIO   1
UNIT FUELS              1

```

```

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

```

```

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

```

1B 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 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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NewEnergy Associates
 Strategist Page 428

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

1B 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 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

1B Input Summary.TXT

```

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

```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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NewEnergy Associates
Strategist Page 430

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          118   BS1_Gas   1
UNIT FUELS              1

```

```

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

```

```

THERMAL UNIT          119   BS_RPWR   1
UNIT FUELS              1

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU         0.00
UNIT FUEL TYPE                  FUEL ID        82
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----

```

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

THERMAL UNIT	120	BS_BFCC	1
UNIT FUELS			1

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

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

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1B Input Summary.TXT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	120	BS_BFCC	1
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	121	BS2 FGD	23
----- YEAR 2011 -----			1
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	6	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.34	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.42	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.47	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.65	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	

----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.75
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.86
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.93
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.99
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.07
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.15
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.24
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.34
THERMAL UNIT	122	BS_BF50	1
UNIT FUELS			1

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

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

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 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	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 -----			

1B Input Summary.TXT

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

THERMAL UNIT 123 0
 UNIT FUELS 1

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

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

THERMAL UNIT 126 CSV5_SCR 5
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.07
 UNIT FUEL TYPE FUEL ID 23

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

1B Input Summary.TXT

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
 Strategist Page 433

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	127	CSV6_SCR	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07	
UNIT FUEL TYPE	FUEL ID	24	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			

1B 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 -----

THERMAL UNIT	128		0
UNIT FUELS		1	

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

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

THERMAL UNIT	129	CR1_NGCC	1
UNIT FUELS			1

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

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

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

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	\$/METU	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 -----			

1B Input Summary.TXT

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

THERMAL UNIT 131 MR5_NGCC 5
UNIT FUELS 1

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

 % 100.00
 \$/MBTU 0.05
 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 -----

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1B Input Summary.TXT

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

THERMAL UNIT	134	RP2D_IM	2
UNIT FUELS			1

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06
UNIT FUEL TYPE	FUEL ID	80

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	134	RP2D_IM	2
UNIT FUELS			1

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

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

THERMAL UNIT	135	TAN4_FGD	4
UNIT FUELS			1

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

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

Year	Unit Fuel Auxiliary Costs (\$/MBTU)	Fuel ID
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	136	RP1D_KP 1
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	58
----- YEAR 2012 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07
----- YEAR 2013 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.07
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.67
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

Year	Unit Fuel Auxiliary Costs (\$/MBTU)	Fuel ID
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.84
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.86
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.92
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.94
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.96
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.00
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.02
----- YEAR 2034 -----		

UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.05
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.09
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.12
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.14
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.17
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.20
THERMAL UNIT	137	RP2D_KP 2
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	59
----- YEAR 2012 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15
----- YEAR 2013 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.65
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.67
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.76
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.93
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.95
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.01
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.04
----- YEAR 2035 -----		

```

UNIT FUEL AUXILIARY COSTS      $/MBTU      1.07      1B Input Summary.TXT
----- YEAR 2036 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.10
----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.13
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.16
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.20
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.23
    THERMAL UNIT                138          0
    UNIT FUELS                   1
----- YEAR 2011 -----
MINIMUM BURN PCT                %            100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.00
UNIT FUEL TYPE                  FUEL ID      0
----- YEAR 2012 -----

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

```

    THERMAL UNIT                138          0
    UNIT FUELS                   1
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
    THERMAL UNIT                139          0

```

UNIT FUELS

1

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

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

THERMAL UNIT 140 0
UNIT FUELS 1

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	140	0
UNIT FUELS		1

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

THERMAL UNIT	141	0
UNIT FUELS		1

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

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

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----- 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 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- 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 -----		

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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 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 -----

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----- 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 -----

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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 -----		

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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	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 -----

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	150	0
UNIT FUELS		1
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		

THERMAL UNIT	151	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		

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

THERMAL UNIT	152	0
UNIT FUELS		1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	152	0
UNIT FUELS		1

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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	153	MTN_18*	1
UNIT FUELS			1

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

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

THERMAL UNIT	163	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		

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 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 -----		

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

THERMAL UNIT	165	0
UNIT FUELS		1

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

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

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

THERMAL UNIT 167 0
 UNIT FUELS 1

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

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

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

THERMAL UNIT	180	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		

THERMAL UNIT	182	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		

----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

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

THERMAL UNIT	182	0
UNIT FUELS		1
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		

THERMAL UNIT	183	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		

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

THERMAL UNIT 184 0
 UNIT FUELS 1

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

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

THERMAL UNIT 185 RP1D_03 1
 UNIT FUELS 1

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

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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	185	RP1D_03	1
UNIT FUELS			1
----- YEAR 2011 -----			
UNIT FUEL TYPE	FUEL ID		80
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	186	RP1TR_IM	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.41
UNIT FUEL TYPE	FUEL ID		58
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.43
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.43
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.44
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.45
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.46
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.48
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.49
----- YEAR 2019 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.60
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.63
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.81
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85

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 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

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----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.84
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.86
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.92
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.94
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.96

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15
----- YEAR 2013 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.65
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.67
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.76
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.93
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.95
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.01
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.04
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.10
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.13
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.16
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.20
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.23
THERMAL UNIT	190	T4_TRONA 4
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15
UNIT FUEL TYPE	FUEL ID	69
----- YEAR 2012 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16
----- YEAR 2013 -----		

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	190	T4_TRONA	4
UNIT FUELS		1	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.21
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.22
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.22
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.23
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.23
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.24
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.25
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.26
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.26
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.28
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.31
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.32
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.33
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.34
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.35

THERMAL UNIT	191	T4_TRCCR	4
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.15
UNIT FUEL TYPE	FUEL ID		69
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.16
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.17
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.17
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.18
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.18
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.19
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.19
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.20
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.21
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.22
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.22
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.23
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.23
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.24
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.25
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.26
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.26
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.28
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.30
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.31
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.32
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.33
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.34
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.35

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

THERMAL UNIT	193	ML_KP20	1
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05	
UNIT FUEL TYPE	FUEL ID	43	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31	

----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.59
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.62
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.69
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	194	ML_KP20	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		44
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.28

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

----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	195	ML_KP50	1
UNIT FUELS			1
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.53
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.59
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.62
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.64
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.66
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.69
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
THERMAL UNIT	196	ML_KP50	2
UNIT FUELS			1

----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05
UNIT FUEL TYPE	FUEL ID	44
----- YEAR 2012 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27
----- YEAR 2013 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.59
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.62
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.69
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
THERMAL UNIT	197	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00

UNIT FUEL TYPE	FUEL ID	
----- YEAR 2012 -----		0
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		

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

THERMAL UNIT			
UNIT FUELS	197		0
----- YEAR 2025 -----		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	198		0
----- YEAR 2011 -----		1	
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			

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

THERMAL UNIT
 UNIT FUELS

199 0
 1

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

% 100.00
 \$/MBTU 0.00
 FUEL ID 0

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

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

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

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	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

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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- 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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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 202 0
 UNIT FUELS 1

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

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

203 0
 1

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

% 100.00
 \$/MBTU 0.00
 FUEL ID 0

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

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

THERMAL UNIT	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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 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

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

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----- 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 -----

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```

    THERMAL UNIT          209          0
    UNIT FUELS             1
----- YEAR 2011 -----
MINIMUM BURN PCT          %           100.00
UNIT FUEL AUXILIARY COSTS  $/MBTU      0.00
UNIT FUEL TYPE           FUEL ID       0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----

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

THERMAL UNIT 214 0
 UNIT FUELS 1

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

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

THERMAL UNIT 215 0
 UNIT FUELS 1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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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 216 0
 UNIT FUELS 1

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

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

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

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

THERMAL UNIT	217	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	‡	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		

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

THERMAL UNIT	218		0
UNIT FUELS		1	

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

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	219	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/METU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	220	0
UNIT FUELS		1
----- YEAR 2011 -----		

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

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

THERMAL UNIT	221	0
UNIT FUELS		1

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

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	221		0
UNIT FUELS		1	
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	222		0
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	‡	100.00	
UNIT FUEL AUXILIARY COSTS	‡/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			

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

THERMAL UNIT 223 0
UNIT FUELS 1

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

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

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 -----		

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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 226 0
 UNIT FUELS 1

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

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

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

THERMAL UNIT 226 0
 UNIT FUELS 1

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

-----	YEAR 2035	-----			
-----	YEAR 2036	-----			
-----	YEAR 2037	-----			
-----	YEAR 2038	-----			
-----	YEAR 2039	-----			
-----	YEAR 2040	-----			
	THERMAL UNIT		227		0
	UNIT FUELS			1	
-----	YEAR 2011	-----			
MINIMUM BURN PCT		%		100.00	
UNIT FUEL AUXILIARY COSTS		\$/MBTU		0.00	
UNIT FUEL TYPE		FUEL ID		0	
-----	YEAR 2012	-----			
-----	YEAR 2013	-----			
-----	YEAR 2014	-----			
-----	YEAR 2015	-----			
-----	YEAR 2016	-----			
-----	YEAR 2017	-----			
-----	YEAR 2018	-----			
-----	YEAR 2019	-----			
-----	YEAR 2020	-----			
-----	YEAR 2021	-----			
-----	YEAR 2022	-----			
-----	YEAR 2023	-----			
-----	YEAR 2024	-----			
-----	YEAR 2025	-----			
-----	YEAR 2026	-----			
-----	YEAR 2027	-----			
-----	YEAR 2028	-----			
-----	YEAR 2029	-----			
-----	YEAR 2030	-----			
-----	YEAR 2031	-----			
-----	YEAR 2032	-----			
-----	YEAR 2033	-----			
-----	YEAR 2034	-----			
-----	YEAR 2035	-----			
-----	YEAR 2036	-----			
-----	YEAR 2037	-----			
-----	YEAR 2038	-----			
-----	YEAR 2039	-----			
-----	YEAR 2040	-----			
	THERMAL UNIT		228		0
	UNIT FUELS			1	
-----	YEAR 2011	-----			
MINIMUM BURN PCT		%		100.00	
UNIT FUEL AUXILIARY COSTS		\$/MBTU		0.00	
UNIT FUEL TYPE		FUEL ID		0	
-----	YEAR 2012	-----			
-----	YEAR 2013	-----			
-----	YEAR 2014	-----			
-----	YEAR 2015	-----			
-----	YEAR 2016	-----			
-----	YEAR 2017	-----			

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	228		0
UNIT FUELS			1
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	500	DUMMY_OP	0
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			

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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	501	DUMMY_IN	0
UNIT FUELS			1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	502	DUMMY_AP	0
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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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	503	DUMMY_KP	0
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

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

THERMAL UNIT	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
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%	100.00
\$/MBTU	0.00
FUEL ID	72

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

THERMAL UNIT	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 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	957	CT_KPC0	957
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	958	CT_KPC0	958
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	‡		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		72
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			

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

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

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.93
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.95
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.01
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.04
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.10

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	959	RP2D_KP	959
UNIT FUELS			1
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.13
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.16
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.20
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.23
THERMAL UNIT	960	RP2D_IM	960
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.06
UNIT FUEL TYPE	FUEL ID		80
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			

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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	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 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 962 CSV5_SCR 962
 UNIT FUELS 1

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

THERMAL UNIT 963 DUMMY_OP 963
 UNIT FUELS 1

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

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

----- YEAR 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 -----

THERMAL UNIT	964	B32 FGD	964
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	

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

THERMAL UNIT	964	B32 FGD	964
UNIT FUELS			1
----- 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		965	DUMMY_KP 965
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 2024 -----			
----- YEAR 2025 -----			
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----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- 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	966	RP1D_KP	966
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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	966	RP1D_KP	966
UNIT FUELS		1	
----- 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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----- 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	967	RP1D_03	967
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.06
UNIT FUEL TYPE	FUEL ID		80
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	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 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 968 CR2_NGCC 968
 UNIT FUELS 1

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

THERMAL UNIT 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 -----

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

THERMAL UNIT	970	MR5_NGCC	970
UNIT FUELS			1

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

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

%	100.00
\$/MBTU	0.05
FUEL ID	81

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = G&F.INPUT.THERMAL UNIT.

THERMAL UNIT 970 MRS_NGCC 970
 UNIT FUELS 1

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

THERMAL UNIT 971 RP2TR_KP 971
 UNIT FUELS 1

UNIT FUEL TYPE	\$/MBTU	FUEL ID	VALUE
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	\$/MBTU	FUEL ID	59
----- YEAR 2011 -----			
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		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

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UNIT FUELS	972	RP2TR_IM	972
----- 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

UNIT FUELS	973	DUMMY_OP	973
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

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

THERMAL UNIT 974 DUMMY_OP 974
UNIT FUELS 1

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

 % 0.00
 \$/MBTU 0.00
 FUEL ID 0

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

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 974 DUMMY_OP 974
UNIT FUELS 1

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

THERMAL UNIT 975 DUMMY_OP 975
UNIT FUELS 1

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

 % 0.00
 \$/MBTU 0.00
 FUEL ID 0

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

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

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

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

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 977 DUMMY_OP 977
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 -----

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

THERMAL UNIT 978 DUMMY_OP 978
UNIT FUELS 1

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

 % 0.00
 \$/MBTU 0.00
 FUEL ID 0

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

THERMAL UNIT 979 DUMMY_OP 979
UNIT FUELS 1

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

 % 0.00
 \$/MBTU 0.00
 FUEL ID 0

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

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	979	DUMMY_OP	979
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	980	DUMMY_OP	980
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			

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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 981 DUMMY_OP 981
UNIT FUELS 1

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

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

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QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	982	DUMMY_OP	982
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

THERMAL UNIT	983	DUMMY_OP	983
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

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

THERMAL UNIT	984	DUMMY_OP	984
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/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	984	DUMMY_OP	984
UNIT FUELS			1

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

1B 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 -----

```

```

THERMAL UNIT           985   DUMMY_OP   985
UNIT FUELS                        1

```

```

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

```

```

%             0.00
$/MBTU       0.00
FUEL ID      0

```

```

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

```

```

THERMAL UNIT           986   DUMMY_OP   986
UNIT FUELS                        1

```

```

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

```

```

%             0.00
$/MBTU       0.00
FUEL ID      0

```

```

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

```

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	986	DUMMY_OP	986
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	987	DUMMY_OP	987
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 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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 -----

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Strategist Page 485

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 989 DUMMY_OP 989
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 990 DUMMY_OP 990
UNIT FUELS 1

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

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

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----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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 -----
 ----- 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	991	DUMMY_OP	991
		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	992	DUMMY_OP	992
		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			

1B Input Summary.TXT

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

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

1B 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 -----

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

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

1B Input Summary.TXT

```

----- 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 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          998      T4_TROMA  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

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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 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.25	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27	
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28	
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31	
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32	
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33	
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.34	
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35	
THERMAL UNIT	999	DUMMY_OP	999
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	0.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1	
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	0.00	0.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	CARD 1+2 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5	
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

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

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 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

	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

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

RATIO	1.00	1.00	1.00	0.00	0.00	1.00	1.00
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1B Input Summary.TXT

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

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

GENERATING COMPANIES
THERMAL UNIT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

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

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

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

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

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

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

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

GENERATING COMPANIES
THERMAL UNIT

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

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

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

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

1B Input Summary.TXT

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP	43	44	45	46	47	48	49
	MITCHELL	MITCHELL	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR
	1	2	1	1	2	3	4

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

RATIO	1.00	1.00	0.00	1.00	1.00	1.00	1.00
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1B Input Summary.TXT

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

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

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 Strategist Page 493

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	50	51	52	53	54	55	56
	MUSK RVR	5	P SPORN 1	P SPORN 2	P SPORN 3	P SPORN 4	P SPORN 5	PICWAY 5
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
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----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

1 OPCO+CSP

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

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

RATIO	1.00	0.00	0.00	0.00	0.00	0.00	1.00
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----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

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

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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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		71	72	73	75	76	77	78
ROBTMONE	ROBTMONE	ROBTMONE	CEREDO	CEREDO	CEREDO	CEREDO		
		1	2	3	1	2	3	4

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

RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00
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----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

RATIO	0.00	0.00	1.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	79	80	81	82	83	84	85
	CEREDO	5	CEREDO 6	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5

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

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	93	94	95	96	97	98	99
	DRESDEN	1	DRESD2 1	0	CT_APCO 1	CC_APCO 1	IGCC AP 1	PC_UL_AP 1

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------	------	------

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

GENERATING COMPANIES
 THERMAL UNIT

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

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

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

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2021 -----
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 ----- 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 -----

RATIO 0.00 0.00 0.00 0.00 1.00 1.00 1.00

GENERATING COMPANIES

1 OPCO+CSP

THERMAL UNIT		114	1B Input Summary.TXT		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	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
-----	YEAR 2016	-----						
-----	YEAR 2017	-----						
-----	YEAR 2018	-----						
-----	YEAR 2019	-----						
-----	YEAR 2020	-----						
-----	YEAR 2021	-----						
-----	YEAR 2022	-----						
-----	YEAR 2023	-----						
-----	YEAR 2024	-----						
-----	YEAR 2025	-----						
-----	YEAR 2026	-----						
-----	YEAR 2027	-----						
-----	YEAR 2028	-----						

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		1 OPCO+CSP							
THERMAL UNIT		114	115	116	117	118	119	120	
		PC_UL_OH	NUKE OH	CC_FA_KP		BS1_Gas	BS_RPWR	BS_BFCC	
		1	1	1	0	1	1	1	
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

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

1B Input Summary.TXT

----- 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 -----
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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

	131	132	133	134	135	136	137
	MR5_MGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP
	5	5	1	2	4	1	2

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
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1B Input Summary.TXT

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	144	145	153	154	155	156	157
	TC4_ESP	4	0	MTN_18% 1	0	0	0	0
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	1.00	0.00	1.00	1.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	158	159	160	161	162	166	168

1B Input Summary.TXT

		0	0	0	0	0	0	0
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	0.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

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1B Input Summary.TXT
 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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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	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
----- YEAR 2011 -----	RATIO	1.00	1.00	1.00	1.00	0.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

1B Input Summary.TXT

GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2	364 0	500 DUMMY_OP 0
----- YEAR 2011 -----	OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
----- YEAR 2023 -----									
----- YEAR 2024 -----									
----- YEAR 2025 -----									
----- YEAR 2026 -----									
----- YEAR 2027 -----									
----- YEAR 2028 -----									
----- YEAR 2029 -----									
----- YEAR 2030 -----									
----- YEAR 2031 -----									
----- YEAR 2032 -----									
----- YEAR 2033 -----									
----- YEAR 2034 -----									
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 CT_KPC0 955	956 CT_KPC0 956	957 CT_KPC0 957	958 CT_KPC0 958
----- YEAR 2011 -----	OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
----- YEAR 2023 -----									

1B Input Summary.TXT

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

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	959 RP2D_KP	960 RP2D_IM	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP	964 BS2_FGD	965 DUMMY_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 RP2D_KP	960 RP2D_IM	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP	964 BS2_FGD	965 DUMMY_KP
		959	960	961	962	963	964	965
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

RP1D_KP	966	967	968	969	970	971	972
	966	967	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
			968	969	970	971	972

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

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
-------	------	------	------	------	------	------	------

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
-------	------	------	------	------	------	------	------

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	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 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

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

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

GENERATING COMPANIES THERMAL UNIT	2 I&M	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD	1+2
	1	2	3	6	1	2	1	1
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

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

RATIO

0.00 0.00 0.00 1.00 1.00 0.00 0.00

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

1B Input Summary.TXT

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011								
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
2026								
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2031								
2032								
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2034								
2035								
2036								
2037								
2038								
2039								
2040								
GENERATING COMPANIES THERMAL UNIT	2 I&M	36 KANAUHA 1	37 KANAUHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5
YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								

----- YEAR 2026 -----
 ----- YEAR 2027 -----
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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 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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----- YEAR 2031 -----								
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----- YEAR 2035 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	50	51	52	53	54	55	56
	MUSK RVR	P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY
	5	1	2	3	4	5	5

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------	------

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

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

RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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
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OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2030 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT		2 I&M	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4
----- YEAR 2011 -----	OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
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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.

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

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------	------

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

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

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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1B Input Summary.TXT

----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- 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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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 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	1.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

1B Input Summary.TXT

GENERATING COMPANIES THERMAL UNIT		2 I&M	107 CC_KPFCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1
-----	YEAR 2011	-----							
OWNERSHIP	RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							

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

GENERATING COMPANIES THERMAL UNIT		2 I&M	107 CC_KPFCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
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-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

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

1B Input Summary.TXT

----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	121 BS2_FGD 23	122 BS_BF50 1	124 0	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_NGCC 1	130 CR2_NGCC 2
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----- 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
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OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	0.00	0.00
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

1B Input Summary.TXT

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

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

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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

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

RATIO 1.00 0.00 0.00 0.00 0.00 0.00 0.00

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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

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

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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

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

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

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

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

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1B Input Summary.TXT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	158	159	160	161	162	166	168
		0	0	0	0	0	0	0
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
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----- YEAR 2030 -----								
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----- YEAR 2036 -----								
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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
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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1B Input Summary.TXT

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

GENERATING COMPANIES THERMAL UNIT	2 I&M	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	0.00	0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2024 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

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

RATIO

0.00 1.00 1.00 1.00 0.00 0.00 1.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

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

RATIO

1.00 0.00 0.00 0.00 0.00 0.00 0.00 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	501	502	503	955	956	957	958
		DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	955	956	957	958
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2029 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

RP2D_KP	959	RP2D_IM	960	CSV6_SCR	961	CSV5_SCR	962	DUMMY_OP	963	B52_FGD	964	DUMMY_KP	965
	959		960		961		962		963		964		965

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

RATIO	0.00	1.00	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

RP1D_KP	966	RP1D_03	967	CR2_NGCC	968	CR1_NGCC	969	MR5_NGCC	970	RP2TR_KP	971	RP2TR_IM	972
	966		967		968		969		970		971		972

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

RATIO	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
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----- 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_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
----- YEAR 2023 -----		966	967	968	969	970	971	972
----- YEAR 2024 -----		966	967	968	969	970	971	972
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	2 I&M	973	974	975	976	977	978	979
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
----- YEAR 2011 -----		973	974	975	976	977	978	979
----- YEAR 2012 -----		973	974	975	976	977	978	979
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	980	981	982	983	984	985	986
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	980	981	982	983	984	985	986

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		2 I&M	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
GENERATING COMPANIES THERMAL UNIT		2 I&M	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993
-----	YEAR 2011	-----							
OWNERSHIP RATIO		RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
GENERATING COMPANIES THERMAL UNIT		2 I&M	994 DUMMY_OP 994	995 DUMMY_OP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998 T4_TRONA 998	999 DUMMY_OP 999	
-----	YEAR 2011	-----							
OWNERSHIP RATIO		RATIO	0.00	0.00	0.00	0.00	1.00	0.00	

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

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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	8	9	10	11	12	13	14
CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
2	3	1	2	3	4	5	

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

RATIO 0.00 1.00 1.00 1.00 0.00 0.00 0.00

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

1B Input Summary.TXT

	4	5	6	1	2	1	2
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- YEAR 2026 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
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----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

GENERATING COMPANIES
THERMAL UNIT

3 APCO

	29 GLEN LYN 5	30 GLEN LYN 6	31	32	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	29	30	31	32	33	34	35
	APCO	GLEN LYN	GLEN LYN			KAMMER	KAMMER	KAMMER
----- YEAR 2038 -----		5	6	0	0	1	2	3
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	3	36	37	38	39	40	41	42
	APCO	KANAWHA	KANAWHA	KYGER	KYGER	KYGER	KYGER	KYGER
----- YEAR 2011 -----		1	2	1	2	3	4	5
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
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----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	43	44	45	46	47	48	49
	MITCHELL	MITCHELL	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR
	1	2	1	1	2	3	4

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

3 APCO

	50	51	52	53	54	55	56
	MUSK RVR	P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY
	5	1	2	3	4	5	5

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

GENERATING COMPANIES THERMAL UNIT	3	57	58	59	60	61	62	63
	APCO	RPRET_IM	RPRUN_IM	ROCKP_IM		STUART	STUART	STUART
		1	1	2	0	1	2	3

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

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

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

1B Input Summary.TXT

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2031 -----
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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.

GENERATING COMPANIES THERMAL UNIT	3 APCO	86	87	88	89	90	91	92
		DARBY 6	LWBG WIN 1	LWBG WIN 2	LWBG SMR 1	LWBG SMR 2	WATR CC 1	WATR2 1
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								

1B Input Summary.TXT

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

RATIO	1.00	1.00	0.00	1.00	1.00	1.00	1.00
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1B Input Summary.TXT

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

GENERATING COMPANIES
THERMAL UNIT

3 APCO

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

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

OWNERSHIP RATIO

RATIO 1.00 0.00 0.00 0.00 0.00 0.00 0.00

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

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

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

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

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

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

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

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

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

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

----- YEAR 2022 -----

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NewEnergy Associates
Strategist Page 523

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

3 APCO

100	101	102	103	104	105	106
Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCO
1	1	1	1	1	1	1

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

GENERATING COMPANIES
THERMAL UNIT

3 APCO

107	108	109	110	111	112	113
CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH	IGCC OH
1	1	1	1	1	1	1

----- YEAR 2011 -----

OWNERSHIP RATIO

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

1B Input Summary.TXT

----- 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 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	114	115	116	117	118	119	120
	PC_UL_OH	NUKE OH	CC_FA_KP		BS1_Gas	BS_RPWR	BS_BFCC
	1	1	1	0	1	1	1

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2024 -----
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 ----- YEAR 2026 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	3							
THERMAL UNIT	APCO	114	115	116	117	118	119	120
		PC_UL_OH	NUKE OH	CC_FA_KP		BS1_Gas	BS_RPWR	BS_BFCC
		1	1	1	0	1	1	1

----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES	3							
THERMAL UNIT	APCO	121	122	124	126	127	129	130
		BS2_FGD	BS_BF50		CSV5_SCR	CSV6_SCR	CR1_MGCC	CR2_MGCC
		23	1	0	5	6	1	2

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
-----------------	-------	------	------	------	------	------	------	------

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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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 -----

1B Input Summary.TXT

YEAR	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 2039 -----										
----- YEAR 2040 -----										
OWNERSHIP RATIO	RATIO			0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----										
----- YEAR 2012 -----										
----- YEAR 2013 -----										
----- YEAR 2014 -----										
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----- YEAR 2038 -----										
----- YEAR 2039 -----										
----- YEAR 2040 -----										
OWNERSHIP RATIO	RATIO			0.00	0.00	1.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----										
----- 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

4 0 0 0 0

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

158	159	160	161	162	166	168
0	0	0	0	0	0	0

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00
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1B Input Summary.TXT

----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	3 APCO	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- 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 APCO	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
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----- YEAR 2035 -----								
----- YEAR 2036 -----								

1B Input Summary.TXT

----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

176	177	178	179	181	182	183
0	0	0	0	0	0	0

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00
------	------	------	------	------	------	------

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

184	185	186	187	188	189	190
0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00
------	------	------	------	------	------	------

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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----- YEAR 2020 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	APCO	184	185	186	187	188	189	190
			0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									
GENERATING COMPANIES THERMAL UNIT	3	APCO	191	193	194	195	196	364	500
			T4_TRCCR 4	ML_KP20 1	ML_KP20 2	ML_KP50 1	ML_KP50 2	0	DUMMY_OP 0
----- YEAR 2011 -----									
OWNERSHIP RATIO	RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
----- YEAR 2023 -----									
----- YEAR 2024 -----									
----- YEAR 2025 -----									
----- YEAR 2026 -----									

1B Input Summary.TXT

----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

501	502	503	955	956	957	958
DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0	CT_KPC0
0	0	0	955	956	957	958

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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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 -----

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	BS2_FGD	DUMMY_KP
959	960	961	962	963	964	965

1B Input Summary.TXT

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011								
2012								
2013								
2014								
2015								
2016								

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

3 APCO

959	960	961	962	963	964	965
RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS2_FGD	DUMMY_KP
959	960	961	962	963	964	965

2017
2018
2019
2020
2021
2022
2023
2024
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2026
2027
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2032
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2034
2035
2036
2037
2038
2039
2040

GENERATING COMPANIES
THERMAL UNIT

3 APCO

966	967	968	969	970	971	972
RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
966	967	968	969	970	971	972

YEAR	RATIO	0.00	0.00	1.00	1.00	0.00	0.00	0.00
2011								
2012								
2013								
2014								
2015								
2016								
2017								

1B Input Summary.TXT

----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	973	974	975	976	977	978	979
DUMMY_OP	973	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	973	974	975	976	977	978	979

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2028 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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 VALUE CHANGED FROM PREVIOUS YEAR.
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QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		3	APCO	973	974	975	976	977	978	979
				DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
				973	974	975	976	977	978	979
-----	YEAR 2029	-----								
-----	YEAR 2030	-----								
-----	YEAR 2031	-----								
-----	YEAR 2032	-----								
-----	YEAR 2033	-----								
-----	YEAR 2034	-----								
-----	YEAR 2035	-----								
-----	YEAR 2036	-----								
-----	YEAR 2037	-----								
-----	YEAR 2038	-----								
-----	YEAR 2039	-----								
-----	YEAR 2040	-----								
GENERATING COMPANIES THERMAL UNIT		3	APCO	980	981	982	983	984	985	986
				DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
				980	981	982	983	984	985	986
-----	YEAR 2011	-----								
OWNERSHIP RATIO			RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----								
-----	YEAR 2013	-----								
-----	YEAR 2014	-----								
-----	YEAR 2015	-----								
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-----	YEAR 2039	-----								
-----	YEAR 2040	-----								

GENERATING COMPANIES
THERMAL UNIT

3 APCO

1B Input Summary.TXT

987	988	989	990	991	992	993
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
987	988	989	990	991	992	993

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
2011							
2012							
2013							
2014							
2015							
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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

994	995	996	997	998	999
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP
994	995	996	997	998	999

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00
2011						
2012						
2013						
2014						
2015						
2016						
2017						

1B Input Summary.TXT

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

AMOS	1	AMOS	2	AMOS_OP	3	BECKJORD	4	BIG SAND	5	BIG SAND	6	CARD 1+2	7
	1		2		3		6		1		2		1

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00
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1B Input Summary.TXT

----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	8	9	10	11	12	13	14
CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
2	3	1	2	3	4	5	

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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NewEnergy Associates
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	8	9	10	11	12	13	14
CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
2	3	1	2	3	4	5	

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

15 16 17 18 19 20 21

1B Input Summary.TXT

	CLIFTY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3	
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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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 -----								
GENERATING COMPANIES THERMAL UNIT	4 KPCO	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- 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	4 KPCO							
THERMAL UNIT		22	23	24	25	26	27	28
		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2

----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		29	30	31	32	33	34	35
		GLEN LYN	GLEN LYN			KAMMER	KAMMER	KAMMER
		5	6	0	0	1	2	3

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

1B Input Summary.TXT

----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	36	37	38	39	40	41	42
	KANAWHA	KANAWHA	KYGER	KYGER	KYGER	KYGER	KYGER
	1	2	1	2	3	4	5

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	43	44	45	46	47	48	49
	MITCHELL	MITCHELL	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR
	1	2	1	1	2	3	4

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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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	4 KPCO	43 MITCHELL 1	44 MITCHELL 2	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	4 KPCO	50 MUSK RVR 5	51 P SPORN 1	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	4 KPCO	57 RPRET_IM 1	58 RPRUN_IM 1	59 ROCKP_IM 2	60	61 STUART 1	62 STUART 2	63 STUART 3
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	57 RPRET_IM 1	58 RPRUN_IM 1	59 ROCKP_IM 2	60	61 STUART 1	62 STUART 2	63 STUART 3
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

1B Input Summary.TXT

----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	64	65	66	67	68	69	70
STUART		AMOS_AP	TANN 1-3	TANN 1-3	TANN 1-3	TANN 4	ZIMMER
4		3	1	2	3	4	1

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	71	72	73	75	76	77	78
ROBTMONE		ROBTMONE	ROBTMONE	CEREDO	CEREDO	CEREDO	CEREDO
1		2	3	1	2	3	4

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------	------

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		71	72	73	75	76	77	78
		ROBTMONE	ROBTMONE	ROBTMONE	CEREDO	CEREDO	CEREDO	CEREDO
		1	2	3	1	2	3	4
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		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	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	86	87	88	89	90	91	92
DARBY		LWBG WIN	LWBG WIN	LWBG SMR	LWBG SMR	WATR CC	WATR2
6		1	2	1	2	1	1

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- 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 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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1B Input Summary.TXT

----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		93 DRESDEN	94 DRES2	95	96 CT_APCO	97 CC_APCO	98 IGCC AP	99 PC_UL_AP
		1	1	0	1	1	1	1
----- YEAR 2011 -----	OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		93 DRESDEN	94 DRES2	95	96 CT_APCO	97 CC_APCO	98 IGCC AP	99 PC_UL_AP
		1	1	0	1	1	1	1
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		100 Nuke_AP	101 CT_I&M	102 CC_I&M	103 IGCC IM	104 PC_UL_IM	105 NUKE_IM	106 CT_KPCO
		1	1	1	1	1	1	1
----- YEAR 2011 -----	OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00

1B Input Summary.TXT

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	107	108	109	110	111	112	113
CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH	IGCC OH	
1	1	1	1	1	1	1	1

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

RATIO	1.00	1.00	1.00	1.00	0.00	0.00	0.00
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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

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 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

114	115	116	117	118	119	120
PC_UL_OH	NUKE OH	CC_FA_KP		BS1_Gas	BS_RPWR	BS_BFCC
1	1	1	0	1	1	1

----- YEAR 2011 -----
OWNERSHIP RATIO
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----

RATIO	0.00	0.00	1.00	1.00	1.00	1.00
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1B Input Summary.TXT

----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	121	122	124	126	127	129	130
BS2_FGD	23	BS_BF50	1	0	CSV5_SCR	5	5
					CSV6_SCR	6	6
					CR1_NGCC	1	1
							CR2_NGCC
							2

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO 1.00 1.00 1.00 0.00 0.00 0.00 0.00

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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	131	132	133	134	135	136	137
MR5_NGCC	5	MR5_FGD	5	RP1D_IM	1	RP1D_KP	1
				RP2D_IM	2		RP2D_KP
					TAN4_FGD	4	2

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO 0.00 0.00 0.00 0.00 0.00 1.00 1.00

1B Input Summary.TXT

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO							
	144	145	153	154	155	156	157
TC4_ESP	4	0	MTN_18%	0	0	0	0
			1				

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------	------

1B Input Summary.TXT

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	4 KPCO	158	159	160	161	162	166	168
		0	0	0	0	0	0	0
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

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NewEnergy Associates
 Strategist Page 539

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	158	159	160	161	162	166	168
		0	0	0	0	0	0	0
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								

1B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

169	170	171	172	173	174	175
0	0	0	0	0	0	0

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
------	------	------	------	------	------	------	------

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

176	177	178	179	181	182	183
0	0	0	0	0	0	0

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
------	------	------	------	------	------	------	------

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	4 KPCO	184	185	186	187	188	189	190
		0	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								

1B Input Summary.TXT

----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO
 191 193 194 195 196 364 500
 T4_TRCCR ML_KP20 ML_KP20 ML_KP50 ML_KP50 0 DUMMY_OP
 4 1 2 1 2

----- YEAR 2011 -----
 OWNERSHIP RATIO

RATIO 0.00 1.00 1.00 1.00 1.00 0.00 0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO
 501 502 503 955 956 957 958
 DUMMY_IM DUMMY_AP DUMMY_KP CT_KPCO CT_KPCO CT_KPCO CT_KPCO

1B Input Summary.TXT

	0	0	0	955	956	957	958
----- YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 CT_KPCO 955	956 CT_KPCO 956	957 CT_KPCO 957	958 CT_KPCO 958
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
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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 -----								

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 BS2_FGD 964	965 DUMMY_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 -----								

1B Input Summary.TXT

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

966	967	968	969	970	971	972
RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
966	967	968	969	970	971	972

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

RATIO

1.00	0.00	0.00	0.00	0.00	1.00	0.00
------	------	------	------	------	------	------

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

966	967	968	969	970	971	972
-----	-----	-----	-----	-----	-----	-----

1B Input Summary.TXT
 RP1D_KP 966 RP1D_03 967 CR2_NGCC 968 CR1_NGCC 969 MR5_NGCC 970 RP2TR_KP 971 RP2TR_IM 972

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

973 974 975 976 977 978 979
 DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP DUMMY_OP
 973 974 975 976 977 978 979

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

1B Input Summary.TXT

GENERATING COMPANIES THERMAL UNIT		4 KPCO	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986
-----	YEAR 2011	-----							
OWNERSHIP RATIO	RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
GENERATING COMPANIES THERMAL UNIT		4 KPCO	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993
-----	YEAR 2011	-----							
OWNERSHIP RATIO	RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							

1B Input Summary.TXT

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TROMA	DUMMY_OP
	994	995	996	997	998	999

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00
-------	------	------	------	------	------	------

----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 1 JANUARY =====							CARD 1+2
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6		
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	1	2	3	6	1	2	1	
----- YEAR 2012 -----	0	0	0	0	0	0	0	
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2024 -----								
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----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- YEAR -----	===== SEASON 1 JANUARY =====	15	16	17	18	19	20	21
THERMAL UNIT	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4	
----- YEAR 2023 -----	6	1	2	3	1	2	3	
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

----- YEAR -----	===== SEASON 1 JANUARY =====	22	23	24	25	26	27	28
THERMAL UNIT	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
----- YEAR 2011 -----	4	5	6	1	2	1	2	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	28
----- YEAR 2012 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

1B Input Summary.TXT

----- 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 -----
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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 -----								
----- 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 -----								

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1B Input Summary.TXT
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 1 JANUARY =====
THERMAL UNIT
                29      30      33      34      35      36      37
                GLEN LYN  GLEN LYN  KAMMER  KAMMER  KAMMER  KANAWHA  KANAWHA
                5        6        1        2        3        1        2
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
  
```

```

===== SEASON 1 JANUARY =====
THERMAL UNIT
                38      39      40      41      42      43      44
                KYGER    KYGER    KYGER    KYGER    KYGER    MITCHELL  MITCHELL
                1        2        3        4        5        1        2
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
                0        0        0        0        0        0        0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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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 1 JANUARY =====
THERMAL UNIT
                45      46      47      48      49      50      51
                MOUNT_ER  MUSK RVR  MUSK RVR  MUSK RVR  MUSK RVR  MUSK RVR  P SPORN
                1        1        2        3        4        5        1
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
                45      0        0        0        0        0        0
----- YEAR 2012 -----
SEASONAL HEAT RATE PROFILE
                0        0        0        0        0        0        0
  
```

1B Input Summary.TXT

YEAR	HEAT RATE PROFILE	150	0	0	0	0	0	0
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
2026								
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2030								
2031								
2032								
2033								
2034								
2035								
2036								
2037								
2038								
2039								
2040								

SEASON 1 JANUARY	52	53	54	55	56	57	58
THERMAL UNIT	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM
	2	3	4	5	5	1	1

2011	0	0	0	0	0	0	0
2012							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON 1 JANUARY	52	53	54	55	56	57	58
THERMAL UNIT	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM
	2	3	4	5	5	1	1

2013							
2014							
2015							
2016							
2017							
2018							
2019							

1B Input Summary.TXT

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON	1	JANUARY	=====												
THERMAL UNIT				59	61	62	63	64	65	66					
			ROCKP_IM	2	STUART	1	STUART	2	STUART	3	AMOS_AP	3	TANN	1-3	1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====		67	68	69	70	71	72	73
THERMAL UNIT	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE
	2	3	4	1	1	2	3	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	164	164	164	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====		67	68	69	70	71	72	73
THERMAL UNIT	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE
	2	3	4	1	1	2	3	
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 1 JANUARY =====		75	76	77	78	79	80	81
THERMAL UNIT	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY	
	1	2	3	4	5	6	1	
----- YEAR 2040 -----								

1B Input Summary.TXT

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- 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 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----

```


1B Input Summary.TXT

----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====		82	83	84	85	86	87	88
THERMAL UNIT		DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN
		2	3	4	5	6	1	2
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 1 JANUARY =====		89	90	91	92	93	94	96
THERMAL UNIT		LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APC0
		1	2	1	1	1	1	1
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

1B Input Summary.TXT

----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====
 THERMAL UNIT 97 98 99 100 101 102 103
 CC_APCO IGCC AP PC_UL_AP Nuke_AP CT_I&M CC_I&M IGCC IM
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====
 THERMAL UNIT 104 105 106 107 108 109 110
 PC_UL_IM NUKE_IM CT_KPCCO CC_KPCCO IGCC KP PC_UL_KP NUKE_KP
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====							
THERMAL UNIT	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

===== SEASON 1 JANUARY =====							
THERMAL UNIT	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							

1B Input Summary.TXT

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====		119	120	121	122	126	127	129
THERMAL UNIT		BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CRI_NGCC
		1	1	23	1	5	6	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
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----- YEAR 2021 -----								
----- YEAR 2022 -----								
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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.

===== SEASON 1 JANUARY =====		119	120	121	122	126	127	129
THERMAL UNIT		BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CRI_NGCC
		1	1	23	1	5	6	1
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								

1B Input Summary.TXT

----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====
 THERMAL UNIT 130 131 132 133 134 135 136
 CR2_NGCC MR5_NGCC MR5_FGD RP1D_IM RP2D_IM TAN4_FGD RP1D_KP
 2 5 5 1 2 4 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====
 THERMAL UNIT 137 144 153 185 186 187 188
 RP2D_KP TC4_ESP MTN_18% RP1D_03 RP1TR_IM RP2TR_IM RP1TR_KP
 2 4 1 1 1 2 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 SEASONAL HEAT RATE PROFILE 0 0 150 0 0 0 0

1B Input Summary.TXT

YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	1	JANUARY	137	144	153	185	186	187	188
THERMAL UNIT			RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
			2	4	1	1	1	2	1
YEAR 2039									
YEAR 2040									
SEASON	1	JANUARY	189	190	191	193	194	195	196
THERMAL UNIT			RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
			2	4	4	1	2	1	2
YEAR 2011									
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									

1B Input Summary.TXT

----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====		500	501	502	503	955	956	957
THERMAL UNIT		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	0	955	956	957
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								

1B Input Summary.TXT

----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====		958	959	960	961	962	963	964
THERMAL UNIT	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS2	FGD
	958	959	960	961	962	963		964
	958	959	960	961	962	963		964

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====		958	959	960	961	962	963	964
THERMAL UNIT	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS2	FGD
	958	959	960	961	962	963		964
	958	959	960	961	962	963		964

----- 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 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====		965	966	967	968	969	970	971
THERMAL UNIT	DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	965	966	967	968	969	970		971
	965	966	967	968	969	970		971

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

1B Input Summary.TXT

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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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 -----

===== SEASON 1 JANUARY =====								
THERMAL UNIT	972	973	974	975	976	977	978	
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	972	973	974	975	976	977	978	

----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								

----- YEAR 2028 -----

----- YEAR 2029 -----

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VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====							
THERMAL UNIT	972	973	974	975	976	977	978
	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	972	973	974	975	976	977	978

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

===== SEASON 1 JANUARY =====							
THERMAL UNIT	979	980	981	982	983	984	985
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	979	980	981	982	983	984	985

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	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 -----

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----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	===== SEASON 1 JANUARY =====						
	986	987	988	989	990	991	992
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	986	987	988	989	990	991	992

----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- 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	===== SEASON 1 JANUARY =====						
	993	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP
	993	994	995	996	997	998	999

----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---

1B Input Summary.TXT

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

		===== SEASON 2 FEBRUARY =====						
THERMAL UNIT		1	2	3	4	5	6	7
		AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
		1	2	3	6	1	2	1
-----	YEAR 2011	-----						
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
-----	YEAR 2016	-----						
-----	YEAR 2017	-----						
-----	YEAR 2018	-----						
-----	YEAR 2019	-----						
-----	YEAR 2020	-----						
-----	YEAR 2021	-----						
-----	YEAR 2022	-----						
-----	YEAR 2023	-----						
-----	YEAR 2024	-----						
-----	YEAR 2025	-----						
-----	YEAR 2026	-----						
-----	YEAR 2027	-----						

1B Input Summary.TXT

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====														
THERMAL UNIT		8		9		10		11		12		13		14
	CARD 1+2	2	CARD 3	3	CLIFTY	1	CLIFTY	2	CLIFTY	3	CLIFTY	4	CLIFTY	5

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====														
THERMAL UNIT		8		9		10		11		12		13		14
	CARD 1+2	2	CARD 3	3	CLIFTY	1	CLIFTY	2	CLIFTY	3	CLIFTY	4	CLIFTY	5

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

1B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====

THERMAL UNIT	15 CLIFTY	16 CLINCH R	17 CLINCH R	18 CLINCH R	19 ROCKP_KP	20 ROCKP_KP	21 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 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====

THERMAL UNIT	22 CSVL 1-4	23 CSVL 5+6	24 CSVL 5+6	25 D C COOK	26 D C COOK	27 GAVIN	28 GAVIN
	4	5	6	1	2	1	2
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	28
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	22	23	24	25	26	27	28	
	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
	4	5	6	1	2	1	2	

----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	29	30	33	34	35	36	37	
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAUHA	KANAUHA	
	5	6	1	2	3	1	2	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

1B Input Summary.TXT

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

	38	39	40	41	42	43	44
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
	1	2	3	4	5	1	2

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

	0	0	0	0	0	0	0
--	---	---	---	---	---	---	---

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

45	46	47	48	49	50	51
----	----	----	----	----	----	----

		1B Input Summary.TXT					P SPORN
		MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	1
MOUNT_ER		1	2	3	4	5	
-----	YEAR 2011 -----						
SEASONAL	HEAT RATE PROFILE	45	0	0	0	0	0
-----	YEAR 2012 -----						
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0
-----	YEAR 2013 -----						

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

		SEASON 2 FEBRUARY					P SPORN
		MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	1
THERMAL UNIT		45	46	47	48	49	50
		MOUNT_ER	1	2	3	4	5
		1	1	2	3	4	5
-----	YEAR 2014 -----						
SEASONAL	HEAT RATE PROFILE	150	0	0	0	0	0
-----	YEAR 2015 -----						
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0
-----	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 -----						
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-----	YEAR 2033 -----						
-----	YEAR 2034 -----						
-----	YEAR 2035 -----						
-----	YEAR 2036 -----						
-----	YEAR 2037 -----						
-----	YEAR 2038 -----						
-----	YEAR 2039 -----						
-----	YEAR 2040 -----						

		SEASON 2 FEBRUARY					P SPORN
		P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRUN_IM
THERMAL UNIT		52	53	54	55	56	57
		2	3	4	5	5	1
-----	YEAR 2011 -----						
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0
-----	YEAR 2012 -----						
-----	YEAR 2013 -----						
-----	YEAR 2014 -----						
-----	YEAR 2015 -----						

1B Input Summary.TXT

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====							
THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TAMN 1-3
	2	1	2	3	4	3	1

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====

1B Input Summary.TXT

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 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====	67	68	69	70	71	72	73
THERMAL UNIT	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
	2	3	4	1	1	2	3

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 164 164 164
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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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 -----

1B Input Summary.TXT

YEAR	SEASON	2	FEBRUARY	75	76	77	78	79	80	81
THERMAL UNIT	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY	
YEAR 2039				1	2	3	4	5	6	1
YEAR 2040										
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										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	2	FEBRUARY	75	76	77	78	79	80	81
THERMAL UNIT	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY	
YEAR 2037				1	2	3	4	5	6	1
YEAR 2038										
YEAR 2039										
YEAR 2040										
YEAR	SEASON	2	FEBRUARY	82	83	84	85	86	87	88
THERMAL UNIT	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN	
YEAR 2011				2	3	4	5	6	1	2
YEAR 2012										
YEAR 2013										
YEAR 2011				0	0	0	0	0	0	0
YEAR 2012										
YEAR 2013										

1B Input Summary.TXT

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 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 -----

===== SEASON 2 FEBRUARY =====								
THERMAL UNIT	89	90	91	92	93	94	96	
	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APC0	
	1	2	1	1	1	1	1	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								

1B Input Summary.TXT

----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT 97 98 99 100 101 102 103
 CC_APCO IGCC AP PC_UL_AP Nuke_AP CT_I&M CC_I&M IGCC IM
 1 1 1 1 1 1 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT 97 98 99 100 101 102 103
 CC_APCO IGCC AP PC_UL_AP Nuke_AP CT_I&M CC_I&M IGCC IM
 1 1 1 1 1 1 1

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

1B Input Summary.TXT

----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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----- 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 -----							

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT

	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT
 111 112 113 114 115 116 118
 CT_OH10 CC_OH IGCC OH PC_UL_OH NUKE OH CC_FA_KP BS1_Gas
 1 1 1 1 1 1 1

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====
 THERMAL UNIT
 119 120 121 122 126 127 129
 BS_RPWR BS_BFCC BS2 FGD BS_BF50 CSV5_SCR CSV6_SCR CRI_NGCC
 1 1 23 1 5 6 1

----- 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 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

1B Input Summary.TXT

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 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 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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1B Input Summary.TXT
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

===== SEASON 2 FEBRUARY =====
THERMAL UNIT          130          131          132          133          134          135          136
                      CR2_NGCC    MR5_NGCC    MR5_FGD    RP1D_IM    RP2D_IM    TAN4_FGD    RP1D_KP
                      2            5            5            1            2            4            1
  
```

----- YEAR 2040 -----

```

===== SEASON 2 FEBRUARY =====
THERMAL UNIT          137          144          153          185          186          187          188
                      RP2D_KP    TC4_ESP    MTN_18%    RP1D_03    RP1TR_IM    RP2TR_IM    RP1TR_KP
                      2            4            1            1            1            2            1
  
```

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----
 SEASONAL HEAT RATE PROFILE 0 0 150 0 0 0 0

----- YEAR 2015 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

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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          189          190          191          193          194          195          196
                      RP2TR_KP    T4_TRONA    T4_TRCCR    ML_KP20    ML_KP20    ML_KP50    ML_KP50
                      2            4            4            1            2            1            2
  
```

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2028 -----
 ----- 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 =====		500	501	502	503	955	956	957
THERMAL UNIT		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	0	955	956	957
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								

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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 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								

1B Input Summary.TXT

----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```
----- SEASON 2 FEBRUARY -----  
THERMAL UNIT          958      959      960      961      962      963      964  
CT_KPC0              958      959      960      961      962      963      964  
RP2D_KP              959      960      961      962      963      964  
RP2D_IM              960      961      962      963      964  
CSV6_SCR             961      962      963      964  
CSV5_SCR             962      963      964  
DUMMY_OP             963      964  
BS2_FGD              964
```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
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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 -----

1B Input Summary.TXT

===== SEASON 2 FEBRUARY =====		965	966	967	968	969	970	971
THERMAL UNIT		DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
		965	966	967	968	969	970	971
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
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----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====		965	966	967	968	969	970	971
THERMAL UNIT		DUMMY_KP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
		965	966	967	968	969	970	971
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 2 FEBRUARY =====		972	973	974	975	976	977	978
THERMAL UNIT		RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		972	973	974	975	976	977	978
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

1B Input Summary.TXT

----- 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 2030 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====								
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	0
----- 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 -----								
----- YEAR 2030 -----								

1B Input Summary.TXT

----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- SEASON 2 FEBRUARY -----								
THERMAL UNIT	986	987	988	989	990	991	992	
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
	986	987	988	989	990	991	992	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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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 -----								

1B Input Summary.TXT

----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====

THERMAL UNIT	993	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP
	993	994	995	996	997	998	999

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

===== SEASON 3 MARCH =====

THERMAL UNIT	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
	1	2	3	6	1	2	1

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3 MARCH						
	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
	1	2	3	6	1	2	1
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	SEASON 3 MARCH						
	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							

----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 3 MARCH							
	15 CLIFTY	16 CLINCH R	17 CLINCH R	18 CLINCH R	19 ROCKP_KP	20 ROCKP_KP	21 CSVL 1-4	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	6	1	2	3	1	2	3	
----- YEAR 2012 -----	0	0	0	0	0	0	0	
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								

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	SEASON 3 MARCH							
	15 CLIFTY	16 CLINCH R	17 CLINCH R	18 CLINCH R	19 ROCKP_KP	20 ROCKP_KP	21 CSVL 1-4	
----- YEAR 2035 -----	6	1	2	3	1	2	3	
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								

1B Input Summary.TXT

----- YEAR 2039 -----									
----- YEAR 2040 -----									
===== SEASON 3 MARCH =====									
THERMAL UNIT		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 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
----- YEAR 2023 -----									
----- YEAR 2024 -----									
----- YEAR 2025 -----									
----- YEAR 2026 -----									
----- YEAR 2027 -----									
----- YEAR 2028 -----									
----- 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		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 -----									
----- 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 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	===== SEASON 3 MARCH =====							
	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 3 MARCH =====							
	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2	

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----

1B Input Summary.TXT

----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 3	MARCH					P SPORN
	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2013 -----							
----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0
----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	SEASON 3	MARCH					RPRET_IM	RPRUN_IM
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1		

1B Input Summary.TXT

YEAR	HEAT	RATE	PROFILE					
2011	0	0	0	0	0	0	0	0
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								

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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	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														
YEAR 2029														
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		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														
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														

1B Input Summary.TXT

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT		67	68	69	70	71	72	73
	TANN 1-3	2	3	4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 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 2026 -----								
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----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								

1B Input Summary.TXT

----- YEAR 2035 -----

----- YEAR 2036 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON 3	MARCH	67	68	69	70	71	72	73
THERMAL UNIT		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
		2	3	4	1	1	2	3

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

SEASON 3	MARCH	75	76	77	78	79	80	81
THERMAL UNIT		CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
		1	2	3	4	5	6	1

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---	---	---

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

SEASON 3	MARCH	82	83	84	85	86	87	88
THERMAL UNIT								

1B Input Summary.TXT

	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LWBG WIN 1	LWBG WIN 2
----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
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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	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	1

----- YEAR 2011 -----									
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									

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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	1	1

----- YEAR 2016 -----

1B Input Summary.TXT

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- SEASON 3 MARCH -----		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 2017 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								

1B Input Summary.TXT

----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT		104	105	106	107	108	109	110
		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP	NUKE_KP
		1	1	1	1	1	1	1

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2024 -----								
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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.

===== 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 -----

1B Input Summary.TXT

----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT	111	112	113	114	115	116	118	
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas	
	1	1	1	1	1	1	1	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-----------------------	----------------------------	---	---	---	---	---	---	---

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

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----- YEAR 2024 -----

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----- YEAR 2028 -----

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----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

----- YEAR 2039 -----

----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT	119	120	121	122	126	127	129	
	BS_RPWR	BS_BFCC	BS2_FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CRI_NGCC	
	1	1	23	1	5	6	1	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-----------------------	----------------------------	---	---	---	---	---	---	---

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

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 ----- YEAR 2039 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3	MARCH =====							
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 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT	130	131	132	133	134	135	136	
	CR2_NGCC	MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	
	2	5	5	1	2	4	1	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-----------------------	----------------------------	---	---	---	---	---	---	---

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2022 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

1B Input Summary.TXT

----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- SEASON 3 MARCH -----			137	144	153	185	186	187	188
THERMAL UNIT			RP2D_KP 2	TC4_ESP 4	MTN_18% 1	RP1D_03 1	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1
-----	YEAR 2011	-----							
SEASONAL	HEAT RATE PROFILE		0	0	0	0	0	0	0
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
SEASONAL	HEAT RATE PROFILE		0	0	150	0	0	0	0
-----	YEAR 2015	-----							
SEASONAL	HEAT RATE PROFILE		0	0	0	0	0	0	0
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
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-----	YEAR 2030	-----							
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-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

----- SEASON 3 MARCH -----			189	190	191	193	194	195	196
THERMAL UNIT			RP2TR_KP 2	T4_TRONA 4	T4_TRCCR 4	ML_KP20 1	ML_KP20 2	ML_KP50 1	ML_KP50 2
-----	YEAR 2011	-----							
SEASONAL	HEAT RATE PROFILE		0	0	0	0	0	0	0
-----	YEAR 2012	-----							

1B Input Summary.TXT

----- 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	===== SEASON 3 MARCH =====						
	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
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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	===== SEASON 3 MARCH =====						
	500 DUMMY_OF 0	501 DUMMY_IN 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 CT_KPC0 955	956 CT_KPC0 956	957 CT_KPC0 957
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2011 -----							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							

----- YEAR 2020 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3		MARCH =====						
THERMAL UNIT	958	959	960	961	962	963	964	
	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS2_FGD	
	958	959	960	961	962	963	964	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2026 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

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1B Input Summary.TXT

```

===== SEASON 3  MARCH =====
THERMAL UNIT          958      959      960      961      962      963      964
                      CT_KPC0  RP2D_KP  RP2D_IM  CSV6_SCR  CSV5_SCR  DUMMY_OP  BS2_FGD
                      958      959      960      961      962      963      964

```

```

----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 3  MARCH =====
THERMAL UNIT          965      966      967      968      969      970      971
                      DUMMY_KP  RP1D_KP  RP1D_03  CR2_NGCC  CR1_NGCC  MR5_NGCC  RP2TR_KP
                      965      966      967      968      969      970      971

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
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----- YEAR 2020 -----
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----- YEAR 2022 -----
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----- YEAR 2030 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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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

```

1B Input Summary.TXT

YEAR	HEAT	RATE	PROFILE					
2011	0	0	0	0	0	0	0	0
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
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AEP EAST
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			
2011	0	0	0	0	0	0	0			
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										

1B Input Summary.TXT

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT		986	987	988	989	990	991	992
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	986	987	988	989	990	991	992	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2035 -----								

1B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	===== SEASON 3 MARCH =====							
	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	
	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 -----
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 3 MARCH =====							
	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	
	993	994	995	996	997	998	999	

----- 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	===== SEASON 4 APRIL =====							
	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	4	5	6	7	
	1	2	3	6	1	2	1	

1B Input Summary.TXT

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
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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 -----

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===== SEASON 4 APRIL =====
THERMAL UNIT          8
CARD 1+2             2
CARD 3               3
CLIFTY 10            1
CLIFTY 11            2
CLIFTY 12            3
CLIFTY 13            4
CLIFTY 14            5

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
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----- YEAR 2025 -----
----- YEAR 2026 -----

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----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4	APRIL =====							
THERMAL UNIT		8	9	10	11	12	13	14
	CARD 1+2		CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2		3	1	2	3	4	5

----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT		15	16	17	18	19	20	21
	CLIFTY		CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
	6		1	2	3	1	2	3

SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								

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----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====
 THERMAL UNIT 22 23 24 25 26 27 28
 CSVL 1-4 CSVL 5+6 CSVL 5+6 D C COOK D C COOK GAVIN GAVIN
 4 5 6 1 2 1 2

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 28
 ----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====
 THERMAL UNIT 29 30 33 34 35 36 37
 GLEN LYN 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 -----

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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 4 APRIL =====							
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2	
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2030 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

THERMAL UNIT	===== SEASON 4 APRIL =====							
	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2020 -----								
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====		45	46	47	48	49	50	51
THERMAL UNIT	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	1	1	2	3	4	5		1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0	0
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2013 -----								
----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0	0
----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		45	46	47	48	49	50	51
THERMAL UNIT	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	1	1	2	3	4	5		1
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

1B Input Summary.TXT

----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 4 APRIL							
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 4 APRIL						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	APRIL	59	61	62	63	64	65	66
THERMAL UNIT		ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
		2	1	2	3	4	3	1
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
SEASON	APRIL	67	68	69	70	71	72	73
THERMAL UNIT		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
		2	3	4	1	1	2	3
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE		0	0	0	0	162	162	162
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
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----- YEAR 2021 -----								

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----- YEAR 2022 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	===== SEASON 4 APRIL =====						
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DARBY 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2017 -----							
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----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							

1B Input Summary.TXT

----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 4 APRIL							
	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 4 APRIL							
	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2	
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

THERMAL UNIT	SEASON 4 APRIL						
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 1	96 CT_APC0 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

1B Input Summary.TXT

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4		APRIL =====						
THERMAL UNIT		97	98	99	100	101	102	103
		CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
		1	1	1	1	1	1	1
-----	YEAR 2011	0	0	0	0	0	0	0
-----	SEASONAL HEAT RATE PROFILE							
-----	YEAR 2012							
-----	YEAR 2013							
-----	YEAR 2014							
-----	YEAR 2015							
-----	YEAR 2016							
-----	YEAR 2017							
-----	YEAR 2018							
-----	YEAR 2019							
-----	YEAR 2020							
-----	YEAR 2021							
-----	YEAR 2022							
-----	YEAR 2023							
-----	YEAR 2024							
-----	YEAR 2025							
-----	YEAR 2026							
-----	YEAR 2027							

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4		APRIL =====						
THERMAL UNIT	97	98	99	100	101	102	103	
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
----- YEAR 2028 -----	1	1	1	1	1	1	1	
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 4		APRIL =====						
THERMAL UNIT	104	105	106	107	108	109	110	
	PC_UL_IM	NUKE_IM	CT_KPCCO	CC_KPCCO	IGCC KP	PC_UL_KP	NUKE_KP	
----- 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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1B Input Summary.TXT

----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====		111	112	113	114	115	116	118
THERMAL UNIT	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas	
	1	1	1	1	1	1	1	1
----- 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.

===== 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	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	1

1B Input Summary.TXT

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----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

----- SEASON 4 APRIL -----
THERMAL UNIT
          130      131      132      133      134      135      136
          CR2_NGCC MR5_NGCC MR5_FGD RP1D_IM RP2D_IM TAN4_FGD RP1D_KP
           2         5         5         1         2         4         1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
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----- YEAR 2026 -----
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===== SEASON 4 APRIL =====		137	144	153	185	186	187	188
THERMAL UNIT		RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
		2	4	1	1	1	2	1
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		137	144	153	185	186	187	188
THERMAL UNIT		RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
		2	4	1	1	1	2	1
-----	YEAR 2018 -----							
-----	YEAR 2019 -----							
-----	YEAR 2020 -----							
-----	YEAR 2021 -----							
-----	YEAR 2022 -----							
-----	YEAR 2023 -----							
-----	YEAR 2024 -----							
-----	YEAR 2025 -----							
-----	YEAR 2026 -----							
-----	YEAR 2027 -----							
-----	YEAR 2028 -----							
-----	YEAR 2029 -----							
-----	YEAR 2030 -----							
-----	YEAR 2031 -----							
-----	YEAR 2032 -----							

1B Input Summary.TXT

----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT	189	190	191	193	194	195	196	
	RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50	
	2	4	4	1	2	1	2	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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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_KP0	CT_KP0	CT_KP0	
	0	0	0	0	955	956	957	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- 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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4	APRIL =====							
THERMAL UNIT	500	501	502	503	955	956	957	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CT_KPC0	CT_KPC0	CT_KPC0	
	0	0	0	0	955	956	957	

----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT	958	959	960	961	962	963	964	
	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS2_FGD	
	958	959	960	961	962	963	964	

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----------------------------	---	---	---	---	---	---	---	--

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

1B Input Summary.TXT

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT		965	966	967	968	969	970	971
	DUMMY_KP	965	RP1D_KP	RP1D_03	CR2_MGCC	CR1_MGCC	MR5_MGCC	RP2TR_KP
		965	966	967	968	969	970	971

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2037 -----								
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----- YEAR 2039 -----
 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4		APRIL =====						
THERMAL UNIT		972	973	974	975	976	977	978
	RP2TR_IN	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	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	0
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2018 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 4		APRIL =====						
THERMAL UNIT		979	980	981	982	983	984	985
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	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	0
----- 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 -----

===== SEASON 4 APRIL =====		986	987	988	989	990	991	992
THERMAL UNIT	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	986	987	988	989	990	991	992	
----- YEAR 2011 -----	986	987	988	989	990	991	992	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- 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 4 APRIL =====		986	987	988	989	990	991	992
THERMAL UNIT	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	986	987	988	989	990	991	992	
	986	987	988	989	990	991	992	

1B Input Summary.TXT

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	===== 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	0
-----	YEAR	2012	-----								
-----	YEAR	2013	-----								
-----	YEAR	2014	-----								
-----	YEAR	2015	-----								
-----	YEAR	2016	-----								
-----	YEAR	2017	-----								
-----	YEAR	2018	-----								
-----	YEAR	2019	-----								
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-----	YEAR	2036	-----								
-----	YEAR	2037	-----								
-----	YEAR	2038	-----								

1B Input Summary.TXT

----- YEAR 2039 -----

----- YEAR 2040 -----

SEASON	MAY	1	2	3	4	5	6	7
THERMAL UNIT		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 0

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	MAY	1	2	3	4	5	6	7
THERMAL UNIT		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	MAY	8	9	10	11	12	13	14
THERMAL UNIT		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 0

----- YEAR 2012 -----

----- YEAR 2013 -----

1B Input Summary.TXT

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5
 THERMAL UNIT

MAY =====

15	16	17	18	19	20	21
CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
6	1	2	3	1	2	3

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2029 -----

1B Input Summary.TXT

----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5	MAY =====								
THERMAL UNIT	22	23	24	25	26	27	28		
	CSV1 1-4	CSV1 5+6	CSV1 5+6	D C COOK	D C COOK	GAVIN	GAVIN		
	4	5	6	1	2	1	2		

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 28

----- YEAR 2012 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0

----- YEAR 2013 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5	MAY =====								
THERMAL UNIT	22	23	24	25	26	27	28		
	CSV1 1-4	CSV1 5+6	CSV1 5+6	D C COOK	D C COOK	GAVIN	GAVIN		
	4	5	6	1	2	1	2		

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

1B Input Summary.TXT

----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5			MAY =====						
THERMAL UNIT			29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
----- YEAR 2016 -----									
----- YEAR 2017 -----									
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----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									

===== SEASON 5			MAY =====						
THERMAL UNIT			38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2
----- YEAR 2011 -----	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 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 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5	MAY =====							
THERMAL UNIT	45	46	47	48	49	50	51	
	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN	
	1	1	2	3	4	5	1	

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0
----- YEAR 2012 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2013 -----								
----- YEAR 2014 -----	SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0
----- YEAR 2015 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
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----- YEAR 2024 -----								
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1B Input Summary.TXT

----- YEAR 2026 -----
 ----- YEAR 2027 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5			MAY =====						
THERMAL UNIT			52	53	54	55	56	57	58
			P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM
			2	3	4	5	5	1	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									
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----- YEAR 2036 -----									

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1B Input Summary.TXT

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===== SEASON 5
THERMAL UNIT
MAY =====
          52          53          54          55          56          57          58
          P SPORN    P SPORN    P SPORN    P SPORN    PICWAY    RPRET_IM  RPRUN_IM
          2          3          4          5          5          1          1
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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===== SEASON 5
THERMAL UNIT
MAY =====
          59          61          62          63          64          65          66
          ROCKP_IM  STUART    STUART    STUART    STUART    AMOS_AP   TANN 1-3
          2          1          2          3          4          3          1
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2038 -----
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----- YEAR 2040 -----

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===== SEASON 5
THERMAL UNIT
MAY =====
          67          68          69          70          71          72          73
          TANN 1-3  TANN 1-3  TANN 4    ZIMMER    ROBTMONE  ROBTMONE  ROBTMONE
          2          3          4          1          1          2          3
----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE
          0          0          0          0          162          162          162
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----

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----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	MAY -----							DARBY	81
	75 CEREDO	76 CEREDO	77 CEREDO	78 CEREDO	79 CEREDO	80 CEREDO	81		
----- YEAR 2011 -----	1	2	3	4	5	6	1		
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	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.

THERMAL UNIT	MAY -----							DARBY	81
	75 CEREDO	76 CEREDO	77 CEREDO	78 CEREDO	79 CEREDO	80 CEREDO	81		
----- YEAR 2016 -----	1	2	3	4	5	6	1		
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
----- YEAR 2023 -----									
----- YEAR 2024 -----									

1B Input Summary.TXT

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- SEASON 5			MAY -----							
THERMAL UNIT	82	83	84	85	86	87	88			
	DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN			
	2	3	4	5	6	1	2			
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0			
----- YEAR 2012 -----										
----- YEAR 2013 -----										
----- YEAR 2014 -----										
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----- YEAR 2040 -----										

1B Input Summary.TXT

===== SEASON 5		MAY =====						
THERMAL UNIT		89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRES2 1	96 CT_APCO 1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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Strategist Page 595

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5		MAY =====						
THERMAL UNIT		89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRES2 1	96 CT_APCO 1
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
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===== SEASON 5		MAY =====						
THERMAL UNIT		97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

1B Input Summary.TXT

----- YEAR 2015 -----
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 ----- YEAR 2040 -----

===== SEASON 5		MAY =====						
THERMAL UNIT		104	105	106	107	108	109	110
		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP	NUKE_KP
----- YEAR 2011 -----		1	1	1	1	1	1	1
SEASONAL HEAT RATE PROFILE		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.

===== SEASON 5	MAY =====						
THERMAL UNIT		104	105	106	107	108	109
		PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC_KP	PC_UL_KP
		1	1	1	1	1	1
							110
							NUKE_KP
							1

----- YEAR 2040 -----

===== SEASON 5	MAY =====						
THERMAL UNIT		111	112	113	114	115	116
		CT_OHIO	CC_OH	IGCC_OH	PC_UL_OH	NUKE_OH	CC_FA_KP
		1	1	1	1	1	1
							118
							BS1_Gas
							1

----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
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----- YEAR 2012 -----
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