

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

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

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

4B Input.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 -----							
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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 -----							
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 -----							

4B Input.txt

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

EFFLUENT THERMAL UNIT	1 S02 (E)	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
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 -----

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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	1 S02 (E)	201	500 DUMMY_OF 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 BS_BFCC 955	956 CT_KPCC 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 S02 (E)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 BS_BFCC	956 CT_KPC0
		0	0	0	0	0	955	956
----- YEAR 2027 -----								
----- YEAR 2028 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT	1 S02 (E)							
THERMAL UNIT		964	965	966	967	968	969	970
	DUMMY_OP	964	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
		964	965	966	967	968	969	970

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----

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4B Input.txt
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 S02 (E)	964	965	966	967	968	969	970
		DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
		964	965	966	967	968	969	970

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

EFFLUENT THERMAL UNIT	1 S02 (E)	971	972	973	974	975	976	977
		RP2TR_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
 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 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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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

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 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2021 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

1 802 (E)

992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_KP 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 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

0.00	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 SO2 (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 SO2 (E) 999
 DUMMY_OP 999

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

	4B Input. 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 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
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----- YEAR 2021 -----							
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----- YEAR 2026 -----							
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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 -----							

EFFLUENT THERMAL UNIT	2 CO2 (S)						
	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	209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	209.93	209.93	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	209.93	209.93	0.00	0.00	0.00	0.00	0.00
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2016 -----
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4B Input.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 -----								
----- YEAR 2019 -----								
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 VALUE CHANGED FROM PREVIOUS YEAR.
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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2	CO2 (\$)	22	23	24	25	26	27	28
	CSVL 1-4			CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	4	5	6	1	2	1	2
----- YEAR 2040 -----									
EFFLUENT THERMAL UNIT	2	CO2 (\$)	29	30	33	34	35	36	37
	GLEN LYN			GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
		5	5	6	1	2	3	1	2
----- YEAR 2011 -----									
EMISSIONS DATA AT MAXIMUM		205.30	205.30	208.26	208.26	208.26	208.26	205.30	205.30
EMISSIONS DATA AT MINIMUM		205.30	205.30	208.26	208.26	208.26	208.26	205.30	205.30
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0	0

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

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

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 ----- 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 -----								
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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 -----
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EFFLUENT THERMAL UNIT	2 CO2 (\$)	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		211.74	209.93	209.93	209.93	209.93	208.40	205.30
EMISSIONS DATA AT MINIMUM		211.74	209.93	209.93	209.93	209.93	208.40	205.30
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
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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 (\$)	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
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4B Input.txt

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	205.30	205.30	211.22	208.60	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	205.30	205.30	211.22	208.60	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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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
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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 -----
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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	

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

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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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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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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 -----								
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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
----- YEAR 2011 -----	1	1	1	1	1	1	1
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 -----							
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----- 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	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
----- YEAR 2020 -----	1	1	1	1	1	1	1
----- YEAR 2021 -----							

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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

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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 -----							
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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

4B Input.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	190	191	193	194	195	196
RP2TR_KP	2	T4_TRONA	4	T4_TRCCR	4	ML_KP20	1
				ML_KP20	2	ML_KP50	1
						ML_KP50	2

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

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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
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----- 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 BS_BFCC 955	956 CT_KPC0 956
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EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

4B Input.txt

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

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

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)						
	964 DUMMY_OP 964	965 RP1D_KP 965	966 RP1D_03 966	967 CR2_NGCC 967	968 CR1_NGCC 968	969 MR5_NGCC 969	970 RP2TR_KP 970
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	212.58	212.58	0.00	0.00	0.00	211.74
EMISSIONS DATA AT MINIMUM	0.00	212.58	212.58	0.00	0.00	0.00	211.74
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 DUMMY_OP 964	965 RP1D_KP 965	966 RP1D_03 966	967 CR2_NGCC 967	968 CR1_NGCC 968	969 MR5_NGCC 969	970 RP2TR_KP 970	

----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	971 RP2TR_IN 971	972 DUMMY_OP 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	211.74	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	211.74	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 -----
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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	
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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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)							
	978 DUMMY_OP	979 DUMMY_OP	980 DUMMY_OP	981 DUMMY_OP	982 DUMMY_OP	983 DUMMY_OP	984 DUMMY_OP	

978 4B Input.txt 980 981 982 983 984
 979

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

EFFLUENT
 THERMAL UNIT

2 CO2 (\$)

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

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

4B Input.txt

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

EFFLUENT THERMAL UNIT	2 CO2 (\$)	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_KP 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	211.22
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	211.22
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

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

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

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

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

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

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

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

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

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

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

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

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

----- 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 330

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_KP 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	0.00
EMISSIONS DATA AT MINIMUM	0.00
EMISSIONS DATA PROFILE	0

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

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

EFFLUENT THERMAL UNIT	3 CO2 (G)							7
	1	2	3	4	5	6		
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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 Strategist Page 331

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	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 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								

4B Input.txt

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

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

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

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

----- YEAR 2011 -----
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 ----- 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 -----								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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4B Input.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 -----									
----- YEAR 2035 -----									
----- YEAR 2036 -----									
----- YEAR 2037 -----									
----- YEAR 2038 -----									
----- YEAR 2039 -----									
----- YEAR 2040 -----									

EFFLUENT THERMAL UNIT	3	CO2 (G)	45	46	47	48	49	50	51
	MOUNT_ER		MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	1		1	2	3	4	5		1
----- YEAR 2011 -----									
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	

4B Input.txt

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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)							
	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								

----- YEAR 2017 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTHONE 1	72 ROBTHONE 2	73 ROBTHONE 3
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2030 -----							
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 ----- 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 -----
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 ----- YEAR 2019 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)							81 DARBY 1
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6		
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								

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

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

----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 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 -----
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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)							
	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 -----
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 ----- 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 -----
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4B Input.txt

----- YEAR 2027 -----
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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 2039 -----

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT 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 2040 -----								
EFFLUENT THERMAL UNIT	3 CO2 (G)	111 CT_OHIO 1	112 CC_OH 1	113 IGCC_OH 1	114 PC_UL_OH 1	115 NUKE_OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		116.00	116.00	0.00	0.00	0.00	116.00	116.00
EMISSIONS DATA AT MINIMUM		116.00	116.00	0.00	0.00	0.00	116.00	116.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- YEAR 2040 -----								
EFFLUENT THERMAL UNIT	3 CO2 (G)	119 BS_RPWR 1	120 BS_BFCC 1	121 BS2_FGD 23	122 BS_BF50 1	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CRI_NGCC 1
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		116.00	116.00	0.00	116.00	0.00	0.00	116.00
EMISSIONS DATA AT MINIMUM		116.00	116.00	0.00	116.00	0.00	0.00	116.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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 ----- 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 -----
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 ----- YEAR 2014 -----
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0.00	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 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)							
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 2026 -----
 ----- YEAR 2027 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

	4B Input. txt						
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BFCC	CT_KPC0	
0	0	0	0	0	955	956	
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	116.00	116.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	116.00	116.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	
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----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	3 CO2 (G)						
	957	958	959	960	961	962	963
CT_KPC0	957	CT_KPC0	958	CT_KPC0	959	RP2D_KP	960
				960	RP2D_IM	961	CSV6_SCR
					961	962	CSV5_SCR
						962	963
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	116.00	116.00	116.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	116.00	116.00	116.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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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_KP00	CT_KP00	CT_KP00	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
	957	958	959	960	961	962	963

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

EFFLUENT	3 CO2 (G)						
THERMAL UNIT	964	965	966	967	968	969	970
	DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
	964	965	966	967	968	969	970

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

----- YEAR 2011 -----
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4B Input.txt

----- YEAR 2030 -----
 ----- YEAR 2031 -----
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EFFLUENT THERMAL UNIT	3 CO2 (G)						
	971 RP2TR_IM 971	972 DUMMY_OP 972	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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EFFLUENT THERMAL UNIT	3 CO2 (G)						
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

4B Input.txt

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- 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 -----

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

3 CO2 (G) 999
DUMMY_OP
999

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

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

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

EFFLUENT THERMAL UNIT	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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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 -----								
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----- 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 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3	
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	4 NOX (B)							
	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2	
EMISSIONS DATA AT MAXIMUM	0.64	3.60	3.52	0.00	0.00	0.71	0.62	
EMISSIONS DATA AT MINIMUM	0.64	3.60	3.52	0.00	0.00	0.71	0.62	
EMISSIONS DATA PROFILE	15	16	17	0	0	18	19	

----- YEAR 2012 -----
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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	6.71	3.95	4.82	4.85	4.66	2.14	2.09
EMISSIONS DATA AT MINIMUM	6.71	3.95	4.82	4.85	4.66	2.14	2.09
EMISSIONS DATA PROFILE	20	21	22	23	24	25	26

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.51	0.47	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.51	0.47	
EMISSIONS DATA PROFILE	0	0	0	0	0	30	31	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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----- 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	

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 EMISSIONS DATA PROFILE
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

32 34 35 36 37 38 39

EFFLUENT
THERMAL UNIT

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

4 NOX (B) 52 53 54 55 56 57 58

4B Input.txt

P SPORN P SPORN P SPORN P SPORN PICWAY RPRET_IM RPRUN_IM
 2 3 4 5 5 1 1

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

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

EFFLUENT
 THERMAL UNIT

4 NOX (B) 75 76 77 78 79 80 81
 CEREDO CEREDO CEREDO CEREDO CEREDO CEREDO DARBY

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

1 2 3 4 5 6 1
 0.31 0.31 0.31 0.31 0.31 0.31 0.39
 0.31 0.31 0.31 0.31 0.31 0.31 0.39
 0 0 0 0 0 0 0

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

EFFLUENT
 THERMAL UNIT

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

	4B Input.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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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 -----								

4B Input.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 -----
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 ----- 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	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 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	4 NOX (B)	104	105	106	107	108	109	110
		PC_UL_IM	NUKE_IM	CT_KP CO	CC_KP CO	IGCC KP	PC_UL_KP	NUKE_KP
		1	1	1	1	1	1	1
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 2011 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.12	0.08	0.50	0.62	0.00	0.06	0.07
EMISSIONS DATA AT MINIMUM	0.12	0.08	0.50	0.62	0.00	0.06	0.07
EMISSIONS DATA PROFILE	0	0	0	0	0	0	5

----- YEAR 2012 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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4B Input.txt
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	111	112	113	114	115	116	118
		CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
		1	1	1	1	1	1	1
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----- YEAR 2040 -----								

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

4B Input.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 -----								
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----- YEAR 2038 -----								
----- YEAR 2039 -----								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 351

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 -----								

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

EFFLUENT THERMAL UNIT	4 NOX (B)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 BS_BFCC	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	0.08	0.41
EMISSIONS DATA AT MINIMUM		2.18	0.00	0.00	0.00	0.00	0.08	0.41
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 BS_BFCC	956 CT_KPC0
		0	0	0	0	0	955	956
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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4B Input.txt

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

EFFLUENT
 THERMAL UNIT

4 NOX (B)

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

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

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

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

EFFLUENT
 THERMAL UNIT

4 NOX (B)

	964	965	966	967	968	969	970
DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	
	964	965	966	967	968	969	970

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

	0.00	0.38	0.40	0.08	0.08	0.08	1.73
	0.00	0.38	0.40	0.08	0.08	0.08	1.73
	0	0	66	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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----- YEAR 2016 -----
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 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)							
	964 DUMMY_OP 964	965 RP1D_KP 965	966 RP1D_03 966	967 CR2_NGCC 967	968 CR1_NGCC 968	969 MR5_NGCC 969	970 RP2TR_KP 970	
----- YEAR 2026 -----								
----- YEAR 2027 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	4 NOX (B)							
	971 RP2TR_IM 971	972 DUMMY_OP 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	1.73	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	1.73	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	46	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- 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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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

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
		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
		985	986	987	988	989	990

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

----- YEAR 2012 -----
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 ----- 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_KP	DUMMY_OP	DUMMY_OP
		992	993	994	995	996	997
							T4_TRONA
							998

4B Input.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 -----
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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
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT 4 NOX (B) 999
 DUMMY_OP 999

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

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

		4B Input.txt							
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	4.24	4.24	0.00	
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
EFFLUENT THERMAL UNIT		5 NSR SO2	8	9	10	11	12	13	14
		CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	
		2	3	1	2	3	4	5	
-----	YEAR 2011	-----							
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0	0
-----	YEAR 2012	-----							

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

		5 NSR SO2						
EFFLUENT 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 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 -----
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 ----- 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 -----								
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----- YEAR 2036 -----								

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

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

----- YEAR 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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 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		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2

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

4B Input.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 2038 -----
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 ----- 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 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- 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 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

4B Input.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

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 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 -----

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LWBG WIN 1	LWBG WIN 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

4B Input.txt

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

EFFLUENT
THERMAL UNIT

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

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

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

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

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

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

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

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

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

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

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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

5 NSR S02	89	90	91	92	93	94	96
LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APC0	
1	2	1	1	1	1	1	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	98	99	100	101	102	103
CC_APC0	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
1	1	1	1	1	1	1	1

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

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

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

EFFLUENT
 THERMAL UNIT

5 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 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

4B Input.txt

THERMAL UNIT	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 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 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- 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

4B Input.txt

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

Year	EFFLUENT THERMAL UNIT	137 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

4B Input.txt

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EMISSIONS DATA AT MINIMUM		4B Input. txt		0.47	0.00	0.00	0.00
0.00	0.00	0.00					
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.75	0.00	0.00	0.00	0.00	0.87
EMISSIONS DATA AT MINIMUM	0.00	0.75	0.00	0.00	0.00	0.00	0.87
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.75	0.00	0.00	0.00	0.00	0.98
EMISSIONS DATA AT MINIMUM	0.00	0.75	0.00	0.00	0.00	0.00	0.98
----- YEAR 2013 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.82	0.00	0.00	0.00	0.00	1.06
EMISSIONS DATA AT MINIMUM	0.00	0.82	0.00	0.00	0.00	0.00	1.06
----- YEAR 2014 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.82	0.00	0.00	0.00	0.00	0.53
EMISSIONS DATA AT MINIMUM	0.00	0.82	0.00	0.00	0.00	0.00	0.53
----- YEAR 2015 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.79	0.00	0.00	0.00	0.00	0.47
EMISSIONS DATA AT MINIMUM	0.00	0.79	0.00	0.00	0.00	0.00	0.47
----- YEAR 2016 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.12	0.00	0.00	0.00	0.00	0.47
EMISSIONS DATA AT MINIMUM	0.00	0.12	0.00	0.00	0.00	0.00	0.47
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.12	0.00	0.00	0.00	0.00	0.47
EMISSIONS DATA AT MINIMUM	0.00	0.12	0.00	0.00	0.00	0.00	0.47
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							

5 MSR SO2

964	965	966	967	968	969	970
DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
964	965	966	967	968	969	970

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR S02							
THERMAL UNIT		964	965	966	967	968	969	970
		DUMMY_OP	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP
		964	965	966	967	968	969	970

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

EFFLUENT	5 NSR S02							
THERMAL UNIT		971	972	973	974	975	976	977
		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		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2020 -----
 ----- 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 -----

EFFLUENT
 THERMAL UNIT

5 NSR SO2

	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 -----
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 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

5 NSR SO2

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

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

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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4B Input.txt
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2							
	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
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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	5 NSR SO2							T4_TRONA 998
	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_KP 995	996 DUMMY_OP 996	997 DUMMY_OP 997		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								


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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          5 NSR S02          999
THERMAL UNIT           DUMMY_OF     999
                               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 -----
```

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```
EFFLUENT          5 NSR S02          999
THERMAL UNIT           DUMMY_OF     999
                               999
```

```
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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)						
	AMOS 1 1	AMOS 2 2	AMOS_OP 3 3	BECKJORD 4 6	BIG SAND 5 1	BIG SAND 6 2	CARD 1+2 7 1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.01	0.01	0.01	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.01	0.01	0.01	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	CARD 1+2 8 2	CARD 3 9 3	CLIFTY 10 1	CLIFTY 11 2	CLIFTY 12 3	CLIFTY 13 4	CLIFTY 14 5
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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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
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

----- YEAR 2018 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.01	0.01	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.01	0.01	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2030 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							

4B Input.txt

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

EFFLUENT
 THERMAL UNIT

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

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

EFFLUENT
 THERMAL UNIT

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

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 15:46:50 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 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT	6 HG (E)							
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.01	0.01	0.01	0.01	0.02	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.01	0.01	0.01	0.01	0.02	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)							
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
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----- YEAR 2023 -----								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:46:50 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

EFFLUENT THERMAL UNIT	6 HG (E)							
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

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

----- YEAR 2015 -----
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 ----- YEAR 2033 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

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

EFFLUENT THERMAL UNIT	6 HG (E)							96 CT_APC0 1
	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRES2 1		
----- YEAR 2011 -----								
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	97 CC_APCO	98 IGCC AP	99 PC_UL_AP	100 Nuke_AP	101 CT_I&M	102 CC_I&M	103 IGCC IM
	1	1	1	1	1	1	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	97 CC_APCO	98 IGCC AP	99 PC_UL_AP	100 Nuke_AP	101 CT_I&M	102 CC_I&M	103 IGCC IM
	1	1	1	1	1	1	1
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

	4B Input.txt						
	1	1	1	1	1	1	1
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

----- YEAR 2012 -----
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----- YEAR 2024 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)						
	111 CT_OHIO	112 CC_OH	113 IGCC OH	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	118 BS1_Gas
----- YEAR 2026 -----	1	1	1	1	1	1	1
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
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----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

EFFLUENT THERMAL UNIT	6 HG (E)						
	119 BS_RPWR	120 BS_BFCC	121 BS2 FGD	122 BS_BF50	126 CSV5_SCR	127 CSV6_SCR	129 CR1_NGCC
----- YEAR 2011 -----	1	1	23	1	5	6	1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.01	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.01	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

----- YEAR 2012 -----
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 ----- 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 -----
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
----- YEAR 2011 -----							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)	201	500	501	502	503	955	956
			DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BFCC	CT_KPC0
		0	0	0	0	0	955	956
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

6 HG (E)

	957	958	959	960	961	962	963
CT_KPC0	957	CT_KPC0	958	CT_KPC0	959	RP2D_KP	960
	957		958		959	RP2D_IH	961
						CSV6_SCR	962
							CSV5_SCR
							963

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

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

----- YEAR 2012 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

4B Input.txt

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

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	964 DUMMY_OP 964	965 RP1D_KP 965	966 RP1D_03 966	967 CR2_NGCC 967	968 CR1_NGCC 968	969 MR5_NGCC 969	970 RP2TR_KP 970
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 -----

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)						
	964 DUMMY_OP 964	965 RP1D_KP 965	966 RP1D_03 966	967 CR2_NGCC 967	968 CR1_NGCC 968	969 MR5_NGCC 969	970 RP2TR_KP 970

----- 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 -----

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

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

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

EFFLUENT THERMAL UNIT	6 HG (E)						
	971 RP2TR_IN 971	972 DUMMY_OP 972	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

EFFLUENT
 THERMAL UNIT

6 HG (E)

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

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

----- YEAR 2027 -----
 ----- YEAR 2028 -----
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 ----- YEAR 2031 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)							
	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
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----- YEAR 2037 -----								
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----- 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	

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

EFFLUENT THERMAL UNIT	6 HG (E)	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_KP 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 -----
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 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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EFFLUENT
THERMAL UNIT

6 HG (E)

4B Input.txt

999
DUMMY_OP
999

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

0.00
0.00
0

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

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NewEnergy Associates
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

THERMAL UNIT	2	AMOS	2
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/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_OP 3
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.08
 UNIT FUEL TYPE FUEL ID 3

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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NewEnergy Associates
 Strategist Page 382

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 3 AMOS_OP 3
 UNIT FUELS 1

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

THERMAL UNIT 4 BECKJORD 6
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11
 UNIT FUEL TYPE FUEL ID 4

```

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

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

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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT
UNIT FUELS

11 CLIFTY 2
1

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

% 100.00
\$/MBTU 0.00
FUEL ID 11

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2034 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	12	CLIFTY	3
UNIT FUELS			1

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

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

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

----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT 14 CLIFTY 5
UNIT FUELS 1

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

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	15	CLIFTY	6
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	15	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
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----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			

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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 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----
      THERMAL UNIT          17   CLINCH R   2
      UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT          %          100.00
UNIT FUEL AUXILIARY COSTS $/MBTU      0.11
UNIT FUEL TYPE           FUEL ID      17
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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

THERMAL UNIT UNIT FUELS	18	CLINCH R	3
		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	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 2030 -----			
----- YEAR 2031 -----			

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

 THERMAL UNIT 19 ROCKP_KP 1
 UNIT FUELS 1

----- YEAR		
2011	MINIMUM BURN PCT	% 100.00
	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.00
	UNIT FUEL TYPE	FUEL ID 58
2012	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.07
2013	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.07
2014	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.27
2015	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.29
2016	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.67
2017	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.70
2018	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.74
2019	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.77
2020	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.78
2021	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.80
2022	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.80
2023	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.83
2024	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.84
2025	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.86
2026	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.88
2027	UNIT FUEL AUXILIARY COSTS	\$/MBTU 0.90

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	19	ROCKP_KP	1
UNIT FUELS		1	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.92
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.94
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.96

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

```

----- YEAR 2032 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.98
----- YEAR 2033 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.01
----- YEAR 2034 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.04
----- YEAR 2035 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.07
----- YEAR 2036 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.10
----- YEAR 2037 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.13
----- YEAR 2038 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.16
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.20
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.23
    THERMAL UNIT                21    CSVL 1-4    3
    UNIT FUELS                   1
----- YEAR 2011 -----
MINIMUM BURN PCT                %            100.00
UNIT FUEL AUXILIARY COSTS      $/MBTU      0.07
UNIT FUEL TYPE                  FUEL ID     21
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

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

```


----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 26 D C COOK 2
UNIT FUELS 1

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

THERMAL UNIT 27 GAVIN 1
UNIT FUELS 1

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

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

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 -----

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

THERMAL UNIT 33 KAMMER 1
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.20
UNIT FUEL TYPE FUEL ID 33

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 33 KAMMER 1
UNIT FUELS 1

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

THERMAL UNIT 34 KAMMER 2
UNIT FUELS 1

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

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

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

THERMAL UNIT	35	KAMMER	1	3
UNIT FUELS				

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

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

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

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 35 KAMMER 3
 UNIT FUELS 1

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

THERMAL UNIT 36 KANAWHA 1
 UNIT FUELS 1

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

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

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

THERMAL UNIT 37 KANAHA 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 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

38 KYGER 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 2
1
% 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 -----

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

```

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

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

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          45  MOUNT_ER  1
UNIT FUELS              1

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

```

```

THERMAL UNIT          46  MUSK RVR  1
UNIT FUELS              1

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

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

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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	47	MUSK RVR	2
UNIT FUELS			1

```

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

```

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 47 MUSK RVR 2
 UNIT FUELS 1

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

THERMAL UNIT 48 MUSK RVR 3
 UNIT FUELS 1

----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05
UNIT FUEL TYPE	FUEL ID	48

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

THERMAL UNIT 49 MUSK RVR 4
 UNIT FUELS 1

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

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

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

THERMAL UNIT 52 P SPORN 2
 UNIT FUELS 1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 52 P SPORN 2
 UNIT FUELS 1

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

THERMAL UNIT 53 P SPORN 3
 UNIT FUELS 1

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

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

 THERMAL UNIT 54 P SPORN 4
 UNIT FUELS 1

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 54 P SPORN 4
 UNIT FUELS 1

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

THERMAL UNIT 55 P SPORN 5
 UNIT FUELS 1

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

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

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

THERMAL UNIT 56 PICWAY 5
UNIT FUELS 1

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

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

THERMAL UNIT 57 RPRET_IM 1
UNIT FUELS 1

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT
UNIT FUELS

57 RPRET_IM 1
1

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

THERMAL UNIT
UNIT FUELS

58 RPRUM_IM 1
1

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----

% 100.00
\$/MBTU 0.06
FUEL ID 58

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

THERMAL UNIT 59 ROCKP_IM 2
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
UNIT FUEL TYPE FUEL ID 59

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

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

THERMAL UNIT 60 1 0
UNIT FUELS

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

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

THERMAL UNIT 61 STUART 1
UNIT FUELS

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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
 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	0.06
FUEL ID	63

```

THERMAL UNIT          64   STUART   4
UNIT FUELS           1

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

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

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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THERMAL UNIT          64   STUART   4
UNIT FUELS           1

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

```

```

THERMAL UNIT          65   AMOS_AP  3
UNIT FUELS           1

----- YEAR 2011 -----
MINIMUM BURN PCT      %           100.00
UNIT FUEL AUXILIARY COSTS  $/MBTU      0.08
UNIT FUEL TYPE        FUEL ID      3

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

```


----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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 -----
 ----- 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 66 TANN 1-3 1
UNIT FUELS 1

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

THERMAL UNIT 67 TANN 1-3 2
UNIT FUELS 1

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

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

THERMAL UNIT 68 TANN 1-3 3
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.24
UNIT FUEL TYPE FUEL ID 68

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

THERMAL UNIT 69 TANN 4 4
UNIT FUELS 1

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 69 TANN 4 4
UNIT FUELS 1

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

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

THERMAL UNIT	70	ZIMMER	1
UNIT FUELS			1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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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 71 ROBTMONE 1
UNIT FUELS 1

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

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

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

THERMAL UNIT	73	ROBTMONE	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		71

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

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

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	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 -----

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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4B Input.txt
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

```

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

```

THERMAL UNIT 81 DARBY 1
UNIT FUELS 1

```

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

```

```

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

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 81 DARBY 1
UNIT FUELS 1

```

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

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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 82 DARBY 2
 UNIT FUELS 1

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

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

THERMAL UNIT	83	DAREY	3
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	72	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
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----- YEAR 2025 -----			
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----- YEAR 2027 -----			
----- YEAR 2028 -----			

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 -----			

----- 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	85	DARBY	5
UNIT FUELS			1

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2031 -----
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----- YEAR 2033 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	86	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 -----			
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----- YEAR 2030 -----			
----- YEAR 2031 -----			
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----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	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 -----
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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	88	LWBG WIN	2
UNIT FUELS			1

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT
UNIT FUELS

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

88 LWBG WIN 2
1

THERMAL UNIT
UNIT FUELS

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- 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 % 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 -----
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 ----- YEAR 2031 -----
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 ----- YEAR 2035 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 90 LWBG SMR 2
 UNIT FUELS 1

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

THERMAL UNIT 91 WATR CC 1
 UNIT FUELS 1

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

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

THERMAL UNIT	93	DRESDEN	1
UNIT FUELS			1

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

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

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

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

 THERMAL UNIT 94 DRES2 1
 UNIT FUELS 1

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

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

 THERMAL UNIT 95 0
 UNIT FUELS 1

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	95		0
UNIT FUELS			1
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	96	CT_APCO	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	‡		100.00
UNIT FUEL AUXILIARY COSTS	‡/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		72
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			

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

THERMAL UNIT
UNIT FUELS

97 CC_APCO 1
1

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

% 100.00
\$/MBTU 0.00
FUEL ID 72

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

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

THERMAL UNIT	100	Nuke_AP	1
UNIT FUELS			1

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	100	Nuke_AP	1
UNIT FUELS			1

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

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

THERMAL UNIT 101 CT_I&M 1
UNIT FUELS 1

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

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

THERMAL UNIT 102 CC_I&M 1
UNIT FUELS 1

```

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

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

```

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

QUALIFIER = G&F.INPUT.THERMAL UNIT.

```

THERMAL UNIT          102  CC_I&M    1
UNIT FUELS            1

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

THERMAL UNIT          103  IGCC IM    1
UNIT FUELS            1

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

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

```

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 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_KPC0 1
 UNIT FUELS 1

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

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

----- 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 % 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 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 110 NUKE_KP 1
UNIT FUELS 1

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

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

 THERMAL UNIT 111 CT_OHIO 1
 UNIT FUELS 1

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

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

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

THERMAL UNIT 112 CC_OH 1
UNIT FUELS 1

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 112 CC_OH 1
UNIT FUELS 1

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

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

THERMAL UNIT	113	IGCC OH	1
UNIT FUELS			1

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

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

THERMAL UNIT	114	PC_UL_OH	1
UNIT FUELS			1

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 114 PC_UL_OH 1
 UNIT FUELS 1

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

THERMAL UNIT 115 NUKE OH 1
 UNIT FUELS 1

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

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

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

THERMAL UNIT 116 CC_FA_KP 1
UNIT FUELS 1

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

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

THERMAL UNIT 118 BS1_Gas 1
UNIT FUELS 1

```

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

```

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          118   BS1_Gas   1
UNIT FUELS              1
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

THERMAL UNIT          119   BS_RPWR   1
UNIT FUELS              1
----- YEAR 2011 -----
MINIMUM BURN PCT                %                100.00
UNIT FUEL AUXILIARY COSTS       $/MBTU         0.00
UNIT FUEL TYPE                   FUEL ID        82
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----

```

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

THERMAL UNIT	120	BS_BFCC	1
UNIT FUELS			1

----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	83	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			

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

```

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

```

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

THERMAL UNIT 123 0
 UNIT FUELS 1

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

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

THERMAL UNIT 126 CSV5_SCR 5
 UNIT FUELS 1

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- 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 -----

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

THERMAL UNIT 131 MR5_NGCC 5
 UNIT FUELS 1

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

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

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 RPLD_IM 1
UNIT FUELS 1
----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
UNIT FUEL TYPE FUEL ID 60
----- YEAR 2012 -----

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

THERMAL UNIT	134	RP2D_IM	2
UNIT FUELS			1

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

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

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

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

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

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.

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

UNIT FUELS

1

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

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

THERMAL UNIT	140			0	
UNIT FUELS				1	

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 140 0
UNIT FUELS 1

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

THERMAL UNIT 141 0
UNIT FUELS 1

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

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

----- 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 -----

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

THERMAL UNIT	145		0
UNIT FUELS		1	

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	145		0
UNIT FUELS		1	

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

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

THERMAL UNIT 146 0
 UNIT FUELS 1

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

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

THERMAL UNIT 147 0
 UNIT FUELS 1

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

THERMAL UNIT	149		0
UNIT FUELS		1	

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

THERMAL UNIT	152	0
UNIT FUELS		1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	152	0
UNIT FUELS		1

----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- 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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	163	0
UNIT FUELS		1
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	164	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----
 THERMAL UNIT 165 0
 UNIT FUELS 1
 ----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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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 167 0
 UNIT FUELS 1

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

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

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

THERMAL UNIT 167 0
 UNIT FUELS 1

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

THERMAL UNIT UNIT FUELS	180	1	0
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
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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 UNIT FUELS	182	1	0
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

THERMAL UNIT	183	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0

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

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

THERMAL UNIT 184 0
UNIT FUELS 1

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

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

THERMAL UNIT 185 RP1D_03 1
UNIT FUELS 1

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
‡ 02/07/13 15:47:01 V04.0 R03.0

4B Input.txt
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	187	RP2TR_IM	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41	
UNIT FUEL TYPE	FUEL ID	59	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45	

----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.46
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.48
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.49
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.50
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.51
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.53
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.54
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.58
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.60
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.61
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.63
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.64
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.66
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.68
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.71
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.73
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.75
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.77
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.79
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.81
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.85
THERMAL UNIT	188	RP1TR_KP	1
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.41
UNIT FUEL TYPE	FUEL ID		58
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67

----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.84
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.86
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.92
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.94
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.96

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

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.65	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.67	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.76	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.78	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.80	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.88	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.90	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.93	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.95	
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.98	
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.01	
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.04	
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07	
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.10	
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.13	
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.16	
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.20	
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.23	
THERMAL UNIT	190	T4_TRONA	4
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	
UNIT FUEL TYPE	FUEL ID	69	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2013 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	190	T4_TRONA	4
UNIT FUELS			1
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.21	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.24	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.25	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27	
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28	
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31	
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32	
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33	
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.34	
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35	

THERMAL UNIT	191	T4_TRCCR	4
UNIT FUELS		1	
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	
UNIT FUEL TYPE	FUEL ID	69	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.21	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.24	
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.25	
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27	
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28	
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29	
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30	
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31	
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32	
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33	
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.34	
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.59
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.62
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.69
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	194	ML_KP20	2
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		44
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.28

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

----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	195	ML_KP50	1
UNIT FUELS			1
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.53
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.55
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.57
----- YEAR 2034 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.59
----- YEAR 2035 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.62
----- YEAR 2036 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.64
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.66
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.69
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.72
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
THERMAL UNIT	196	ML_KP50	2
UNIT FUELS			1

----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05
UNIT FUEL TYPE	FUEL ID	44
----- YEAR 2012 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27
----- YEAR 2013 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28
----- YEAR 2014 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2015 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2016 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31
----- YEAR 2017 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.32
----- YEAR 2018 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.33
----- YEAR 2019 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.35
----- YEAR 2020 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.36
----- YEAR 2021 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.37
----- YEAR 2022 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.38
----- YEAR 2023 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.40
----- YEAR 2024 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41
----- YEAR 2025 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43
----- YEAR 2026 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44
----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.59
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.62
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.69
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.72
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.74
THERMAL UNIT	197	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00

UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		

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

THERMAL UNIT UNIT FUELS	197	0
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		

THERMAL UNIT UNIT FUELS	198	0
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		

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

THERMAL UNIT
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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 199 0
UNIT FUELS 1

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

THERMAL UNIT 200 0
UNIT FUELS 1

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

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

THERMAL UNIT 201 0
UNIT FUELS 1

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

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

THERMAL UNIT 202 0
 UNIT FUELS 1

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

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

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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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	204	0
UNIT FUELS		1
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	205	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0

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

 THERMAL UNIT 206 0
 UNIT FUELS 1

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

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

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

THERMAL UNIT 207 0
UNIT FUELS 1

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 207 0
UNIT FUELS 1

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

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

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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 -----

```

```

    THERMAL UNIT          209          0
    UNIT FUELS              1

```

```

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

```

```

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

```

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 211 0

UNIT FUELS

1

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

THERMAL UNIT
UNIT FUELS

212 1 0

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

% 100.00
\$/MBTU 0.00
FUEL ID 0

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

THERMAL UNIT
UNIT FUELS

213 1 0

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

% 100.00
\$/MBTU 0.00
FUEL ID 0

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

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

THERMAL UNIT 214 0
 UNIT FUELS 1

----- YEAR 2011 -----
 MINIMUM BURN PCT % 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00
 UNIT FUEL TYPE FUEL ID 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----

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

THERMAL UNIT 214 0
 UNIT FUELS 1

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

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

THERMAL UNIT	215		0
UNIT FUELS		1	

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

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

THERMAL UNIT	216		0
UNIT FUELS		1	

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

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

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

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

THERMAL UNIT	217	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	‡	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		

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

THERMAL UNIT 218 0
UNIT FUELS 1

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 219 0
UNIT FUELS 1

----- YEAR 2011 -----
MINIMUM BURN PCT % 100.00
UNIT FUEL AUXILIARY COSTS \$/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 -----
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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	221	0
UNIT FUELS		1

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

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

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	221		0
UNIT FUELS			1
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	222		0
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	
UNIT FUEL TYPE	FUEL ID	0	
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			

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

THERMAL UNIT 223 0
UNIT FUELS 1

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 223 0
UNIT FUELS 1

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

THERMAL UNIT 224 0
UNIT FUELS 1

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

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
----- YEAR 2026 -----		
----- YEAR 2027 -----		
----- YEAR 2028 -----		
----- YEAR 2029 -----		
----- YEAR 2030 -----		
----- YEAR 2031 -----		
----- YEAR 2032 -----		
----- YEAR 2033 -----		
----- YEAR 2034 -----		
----- YEAR 2035 -----		
----- YEAR 2036 -----		
----- YEAR 2037 -----		
----- YEAR 2038 -----		
----- YEAR 2039 -----		
----- YEAR 2040 -----		
THERMAL UNIT	225	0
UNIT FUELS		1
----- YEAR 2011 -----		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0
----- YEAR 2012 -----		
----- YEAR 2013 -----		
----- YEAR 2014 -----		
----- YEAR 2015 -----		
----- YEAR 2016 -----		
----- YEAR 2017 -----		
----- YEAR 2018 -----		
----- YEAR 2019 -----		
----- YEAR 2020 -----		
----- YEAR 2021 -----		
----- YEAR 2022 -----		
----- YEAR 2023 -----		
----- YEAR 2024 -----		
----- YEAR 2025 -----		
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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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT
 QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 226 0
 UNIT FUELS 1

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

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

THERMAL UNIT 227 0
 UNIT FUELS 1

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

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

THERMAL UNIT 228 0
 UNIT FUELS 1

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

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

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

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

THERMAL UNIT 501 DUMMY_IM 0
 UNIT FUELS 1

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	502	DUMMY_AP	0
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

THERMAL UNIT	503	DUMMY_KP	0
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

----- 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	955	BS_BFCC	955
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 -----

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	955	BS_BFCC	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_KPCO 956
UNIT FUELS 1

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

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

THERMAL UNIT
 UNIT FUELS

959 CT_KPC0 959
 1

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

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

% 100.00
 \$/MBTU 0.00
 FUEL ID 72

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

THERMAL UNIT 960 RP2D_KP 960
 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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 960 RP2D_KP 960
 UNIT FUELS 1

----- 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	961	RP2D_IM	961
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	962	CSV6_SCR	962
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 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 962 CSV6_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 CSV5_SCR 963
UNIT FUELS 1

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT	964	DUMMY_OP	964
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 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	964	DUMMY_OP	964
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 UNIT FUELS	965	RPID_KP	965
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		58
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.07
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.27
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.29
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.67
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.70
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.74
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.77
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.78
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.80
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.83
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.84
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.86
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.88
----- YEAR 2027 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.90
----- YEAR 2028 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.92
----- YEAR 2029 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.94
----- YEAR 2030 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.96
----- YEAR 2031 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.98
----- YEAR 2032 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.00
----- YEAR 2033 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		1.02
----- YEAR 2034 -----			

UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.05
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.07
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.09
----- YEAR 2037 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.12
----- YEAR 2038 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.14
----- YEAR 2039 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.17
----- YEAR 2040 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	1.20

THERMAL UNIT	966	RP1D_03	966
UNIT FUELS			1

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	966	RP1D_03	966
UNIT FUELS			1

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

----- YEAR 2040 -----
THERMAL UNIT 967 CR2_NGCC 967
UNIT FUELS 1

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

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

THERMAL UNIT 968 CR1_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 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	968	CR1_NGCC	968
			1
----- YEAR 2040 -----			
THERMAL UNIT UNIT FUELS	969	MR5_NGCC	969
			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		81
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			

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

THERMAL UNIT 970 RP2TR_KP 970
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
    
```

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          970  RP2TR_KP  970
UNIT FUELS              1
----- YEAR 2039 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.20
----- YEAR 2040 -----
UNIT FUEL AUXILIARY COSTS      $/MBTU      1.23
THERMAL UNIT          971  RP2TR_IM  971
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	972	DUMMY_OP 972
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 -----		

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THERMAL UNIT 972 DUMMY_OP 972
UNIT FUELS 1

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

THERMAL UNIT 973 DUMMY_OP 973
UNIT FUELS 1

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

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

THERMAL UNIT 974 DUMMY_OP 974
UNIT FUELS 1

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

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

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

```

```

%          0.00
$/MBTU    0.00
FUEL ID    0

```

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

```

THERMAL UNIT          975    DUMMY_OP  975
UNIT FUELS              1

```

```

----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- 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	976	DUMMY_OP	976
UNIT FUELS			1

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

THERMAL UNIT	977	DUMMY_OP	977
UNIT FUELS			1

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- 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	977	DUMMY_OP	977
UNIT FUELS			1

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

THERMAL UNIT	978	DUMMY_OP	978
UNIT FUELS			1

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

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

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

THERMAL UNIT	979	DUMMY_OP	979
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	980	DUMMY_OP	980
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	‡		0.00
UNIT FUEL AUXILIARY COSTS	‡/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	981	DUMMY_OP	981
UNIT FUELS			1

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

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

 THERMAL UNIT 982 DUMMY_OP 982
 UNIT FUELS 1

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

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

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 AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	982	DUMMY_OP	982
UNIT FUELS			1
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
THERMAL UNIT	983	DUMMY_OP	983
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			

----- 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 -----
 ----- YEAR 2023 -----
 ----- 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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	984	DUMMY_OP	984
UNIT FUELS			1
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

THERMAL UNIT	985	DUMMY_OP	985
UNIT FUELS			1
----- YEAR 2011 -----			

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

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

THERMAL UNIT	986	DUMMY_OP	986
UNIT FUELS			1

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

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

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

THERMAL UNIT 987 DUMMY_OP 987
 UNIT FUELS 1

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 987 DUMMY_OP 987
 UNIT FUELS 1

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- 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 -----
----- YEAR 2016 -----
----- 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 989 DUMMY_OP 989
 UNIT FUELS 1

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

THERMAL UNIT 990 DUMMY_OP 990
 UNIT FUELS 1

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

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

THERMAL UNIT
UNIT FUELS

991 DUMMY_OP 991
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 -----
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----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2034 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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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	992	DUMMY_OP	992
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

THERMAL UNIT	993	DUMMY_OP	993
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0

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

----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- 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_KP 995
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 -----
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----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT 996 DUMMY_OP 996
UNIT FUELS 1

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

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

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 996 DUMMY_OP 996
 UNIT FUELS 1

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

THERMAL UNIT 997 DUMMY_OP 997
 UNIT FUELS 1

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

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

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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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 -----

THERMAL UNIT	998	T4_TRONA	998
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%	100.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	
UNIT FUEL TYPE	FUEL ID	69	
----- YEAR 2012 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2013 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	
----- YEAR 2014 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	
----- YEAR 2015 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	
----- YEAR 2016 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	
----- YEAR 2017 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	
----- YEAR 2018 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	
----- YEAR 2019 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	
----- YEAR 2020 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2021 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	
----- YEAR 2022 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.21	
----- YEAR 2023 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	
----- YEAR 2024 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	
----- YEAR 2025 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	
----- YEAR 2026 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	

----- YEAR 2027 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.24
----- YEAR 2028 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.25
----- YEAR 2029 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26
----- YEAR 2030 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26
----- YEAR 2031 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27
----- YEAR 2032 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.28
----- YEAR 2033 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29
----- YEAR 2034 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.29
----- YEAR 2035 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.30
----- YEAR 2036 -----		
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.31

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	998	T4_TROMA	998
UNIT FUELS			1
----- YEAR 2037 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.32
----- YEAR 2038 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.33
----- YEAR 2039 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.34
----- YEAR 2040 -----			
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.35
THERMAL UNIT	999	DUMMY_OP	999
UNIT FUELS			1
----- YEAR 2011 -----			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
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----- YEAR 2024 -----			
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----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			

----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 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 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	CARD 1+2 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5	
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

----- YEAR 2015 -----
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 ----- 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 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

GENERATING COMPANIES
 THERMAL UNIT

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

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

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

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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.

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 -----

----- YEAR 2014 -----
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 ----- 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 -----
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 ----- YEAR 2029 -----

RATIO	1.00	1.00	0.00	1.00	1.00	1.00	1.00
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----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	50 MUSK RVR	51 P SPORN	52 P SPORN	53 P SPORN	54 P SPORN	55 P SPORN	56 PICWAY
		5	1	2	3	4	5	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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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	50 MUSK RVR	51 P SPORN	52 P SPORN	53 P SPORN	54 P SPORN	55 P SPORN	56 PICWAY
		5	1	2	3	4	5	5
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2037 -----
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 ----- 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 -----
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 ----- YEAR 2040 -----

RATIO 0.00 0.00 0.00 1.00 1.00 1.00 1.00

GENERATING COMPANIES
 THERMAL UNIT

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

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

RATIO 1.00 0.00 0.00 0.00 0.00 0.00 1.00

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

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

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- 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 -----
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 ----- 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 -----
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 ----- YEAR 2037 -----

RATIO 0.00 0.00 1.00 1.00 1.00 1.00 1.00

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

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

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

OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES	1 OPCO+CSP	93	94	95	96	97	98	99
THERMAL UNIT		DRESDEN	DRES2		CT_APCO	CC_APCO	IGCC AP	PC_UL_AP
		1	1	0	1	1	1	1

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

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

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

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

GENERATING COMPANIES
 THERMAL UNIT

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

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

RATIO 0.00 0.00 0.00 0.00 1.00 1.00 1.00

GENERATING COMPANIES

1 OPCO+CSP

THERMAL UNIT	4B Input.txt							
	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	117	118 BS1_Gas	119 BS_RPWR	120 BS_BFCC	
----- YEAR 2011 -----	1	1	1	0	1	1	1	
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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VALUE CHANGED FROM PREVIOUS YEAR.
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NewEnergy Associates
Strategist Page 497

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP							
	114 PC_UL_OH	115 NUKE OH	116 CC_FA_KP	117	118 BS1_Gas	119 BS_RPWR	120 BS_BFCC	
----- YEAR 2029 -----	1	1	1	0	1	1	1	
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

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

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

----- 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 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	158	159	160	161	162	166	168

4B Input.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 -----								
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----- 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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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	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 -----								
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----- YEAR 2030 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	0.00	1.00	1.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

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

RATIO

1.00 0.00 0.00 0.00 0.00 0.00 0.00

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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 -----

4B Input.txt

GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP						
		191	193	194	195	196	364	500
		T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50		DUMMY_OP
		4	1	2	1	2	0	0
-----	YEAR 2011 -----							
OWNERSHIP RATIO	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 -----							
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-----	YEAR 2026 -----							
-----	YEAR 2027 -----							
-----	YEAR 2028 -----							
-----	YEAR 2029 -----							
-----	YEAR 2030 -----							
-----	YEAR 2031 -----							
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-----	YEAR 2033 -----							
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-----	YEAR 2035 -----							
-----	YEAR 2036 -----							
-----	YEAR 2037 -----							
-----	YEAR 2038 -----							
-----	YEAR 2039 -----							
-----	YEAR 2040 -----							
GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP						
		501	502	503	955	956	957	958
		DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BFCC	CT_KPC0	CT_KPC0	CT_KPC0
		0	0	0	955	956	957	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 -----							
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-----	YEAR 2017 -----							
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-----	YEAR 2019 -----							
-----	YEAR 2020 -----							
-----	YEAR 2021 -----							
-----	YEAR 2022 -----							
-----	YEAR 2023 -----							

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

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

RATIO	0.00	0.00	0.00	1.00	0.00	0.00	1.00
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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
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----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
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 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
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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 -----								

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCO+CSP

	987	988	989	990	991	992	993
DUMMY_OP	987	DUMMY_OP	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 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- 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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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	987	988	989	990	991	992	993
	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_KP	DUMMY_OP	DUMMY_OP	T4_TROMA	DUMMY_OP	
	994	995	996	997	998	999	

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

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

GENERATING COMPANIES THERMAL UNIT	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 -----
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 ----- YEAR 2019 -----
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 ----- 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 -----

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 -----

----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2032 -----
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 ----- 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 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 -----
 ----- YEAR 2035 -----

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

GENERATING COMPANIES
 THERMAL UNIT

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

RATIO

0.00	0.00	0.00	1.00	1.00	0.00	0.00
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	22	23	24	25	26	27	28
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

4B Input.txt

YEAR	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								
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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	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
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
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----- YEAR 2026 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 -----								
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----- YEAR 2036 -----
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 ----- 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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	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 -----

RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00
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----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	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
					0			

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1

OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
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 ----- 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 -----									
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----- YEAR 2034 -----									

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		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 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 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

2 I&M

	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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----- YEAR 2018 -----
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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 -----								
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

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

----- YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	1.00	0.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
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----- YEAR 2030 -----							
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----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

GENERATING COMPANIES THERMAL UNIT		4B Input.txt							
		2 I&M	107	108	109	110	111	112	113
			CC_KP	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH	IGCC OH
			1	1	1	1	1	1	1
-----	YEAR 2011 -----								
OWNERSHIP RATIO		RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012 -----								
-----	YEAR 2013 -----								
-----	YEAR 2014 -----								
-----	YEAR 2015 -----								
-----	YEAR 2016 -----								
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-----	YEAR 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	108	109	110	111	112	113
		CC_KP	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH	IGCC OH
		1	1	1	1	1	1	1
-----	YEAR 2026 -----							
-----	YEAR 2027 -----							
-----	YEAR 2028 -----							
-----	YEAR 2029 -----							
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-----	YEAR 2031 -----							
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-----	YEAR 2038 -----							
-----	YEAR 2039 -----							
-----	YEAR 2040 -----							

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

----- YEAR 2016 -----
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 ----- 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
			0			CR1_MGCC	1
							CR2_MGCC
							2

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
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 ----- YEAR 2031 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
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 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	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 -----
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 ----- YEAR 2028 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

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

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

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 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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4B Input.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 -----								
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----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	2 I&M	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
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 -----								
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 ----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	2 I&M	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	0.00	0.00

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

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 -----								

4B Input.txt

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

GENERATING COMPANIES THERMAL UNIT	2 I&M	184 0	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TRONA 4
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	0.00	0.00	1.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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GENERATING COMPANIES THERMAL UNIT	2 I&M	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	1.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	501	502	503	955	956	957	958
		DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BFCC	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 -----								
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 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

2 I&M

CT_KPC0	959	RP2D_KP	960	RP2D_IM	961	CSV6_SCR	962	CSV5_SCR	963	DUMMY_OP	964	RP1D_KP	965
	959		960		961		962		963		964		965

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2035 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

2 I&M

RP1D_03	966	CR2_NGCC	967	CR1_NGCC	968	MR5_NGCC	969	RP2TR_KP	970	RP2TR_IM	971	DUMMY_OP	972
	966		967		968		969		970		971		972

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

RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
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----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- 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.

GENERATING COMPANIES THERMAL UNIT	2 I&M	966	967	968	969	970	971	972
		RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP
		966	967	968	969	970	971	972
----- YEAR 2023 -----								
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----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	2 I&M	973	974	975	976	977	978	979
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		973	974	975	976	977	978	979
----- YEAR 2011 -----	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- 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	DUMMY_OP
980	981	982	983	984	985	986	986

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	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 -----								
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----- YEAR 2040 -----								

GENERATING COMPANIES THERMAL UNIT	2 I&M	994 DUMMY_OP 994	995 DUMMY_KP 995	996 DUMMY_OP 996	997 DUMMY_OP 997	998 T4_TRONA 998	999 DUMMY_OP 999
----- YEAR 2011 -----							
----- YEAR 2012 -----							
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

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

----- YEAR 2019 -----
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 ----- 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 -----
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 ----- YEAR 2034 -----

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

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

		4B Input.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	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2040 -----								
GENERATING COMPANIES	3 APCO							
THERMAL UNIT		29	30	31	32	33	34	35
		GLEN LYN	GLEN LYN			KAMMER	KAMMER	KAMMER
		5	6	0	0	1	2	3
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	1.00	1.00	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	3	APCO		31	32	33		34		35
		GLEN LYN 5	GLEN LYN 6			KAMMER 1	KAMMER 2	KAMMER 3		
----- YEAR 2038 -----										
----- YEAR 2039 -----										
----- YEAR 2040 -----										
GENERATING COMPANIES THERMAL UNIT	3	APCO		38	39	40		41		42
		KANAWHA 1	KANAWHA 2			KYGER 1	KYGER 2	KYGER 3	KYGER 4	
----- YEAR 2011 -----										
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----										
----- YEAR 2013 -----										
----- YEAR 2014 -----										
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----- YEAR 2030 -----										
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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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 -----
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----- YEAR 2020 -----
----- YEAR 2021 -----
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----- YEAR 2030 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

GENERATING COMPANIES THERMAL UNIT	3	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 -----								
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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	4	AMOS_AP 3	TANN 1-3 1	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2028 -----

RATIO 0.00 1.00 0.00 0.00 0.00 0.00 0.00

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

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

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

	71	72	73	75	76	77	78
	ROBTHONE	ROBTHONE	ROBTHONE	CEREDO	CEREDO	CEREDO	CEREDO
	1	2	3	1	2	3	4

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

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

RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2014 -----
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 ----- YEAR 2040 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = G&F.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 -----								
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 ----- 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 -----
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 ----- 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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----- YEAR 2040 -----								
GENERATING COMPANIES		3 APCO						
THERMAL UNIT		100	101	102	103	104	105	106
		Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCO
		1	1	1	1	1	1	1
----- YEAR 2011 -----	OWNERSHIP RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

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GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- YEAR 2023 -----								
GENERATING COMPANIES		3 APCO						
THERMAL UNIT		100	101	102	103	104	105	106
		Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCO
		1	1	1	1	1	1	1
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES		3 APCO						
THERMAL UNIT		107	108	109	110	111	112	113
		CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH	IGCC OH
		1	1	1	1	1	1	1
----- YEAR 2011 -----	OWNERSHIP RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

----- YEAR 2015 -----
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 ----- YEAR 2038 -----
 ----- 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 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	APCO						
		114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	117 0	118 BS1_Gas 1	119 BS_RPWR 1	120 BS_BFCC 1
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	3	APCO						
		121 BS2_FGD 23	122 BS_BF50 1	124 0	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_MGCC 1	130 CR2_MGCC 2
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								

YEAR	3	APCO	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2
----- YEAR 2039 -----									
----- YEAR 2040 -----									
GENERATING COMPANIES THERMAL UNIT									
----- YEAR 2011 -----									
OWNERSHIP RATIO	RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
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----- YEAR 2040 -----									

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

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INPUT SUMMARY REPORT
QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- 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 -----
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 ----- YEAR 2028 -----

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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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 -----								
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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 -----								
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----- YEAR 2037 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

3 APCO

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

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

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2012 -----
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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
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 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 -----									
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 ----- 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	BS_BFCC	CT_KPC0	CT_KPC0	CT_KPC0
	0	0	0	955	956	957	958

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO

0.00	1.00	0.00	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
CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP
959	960	961	962	963	964	965

4B Input.txt

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

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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Strategist Page 528

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
CT_KP0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP
959	960	961	962	963	964	965

2017						
2018						
2019						
2020						
2021						
2022						
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2036						
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2038						
2039						
2040						

GENERATING COMPANIES
THERMAL UNIT

3 APCO

966	967	968	969	970	971	972
RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP
966	967	968	969	970	971	972

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

----- YEAR 2018 -----
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 ----- 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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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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4B Input.txt

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		3 APCO	973	974	975	976	977	978	979
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
			973	974	975	976	977	978	979
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
GENERATING COMPANIES THERMAL UNIT		3 APCO	980	981	982	983	984	985	986
			DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
			980	981	982	983	984	985	986
-----	YEAR 2011	-----							
OWNERSHIP RATIO		RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
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-----	YEAR 2030	-----							
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-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

GENERATING COMPANIES
THERMAL UNIT

3 APCO

4B Input.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							
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2016							
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2040							

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Strategist Page 530

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

3 APCO

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

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

----- YEAR 2018 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----

RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
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----- 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 -----
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----- YEAR 2022 -----

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

	8	9	10	11	12	13	14
CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
2	3	1	2	3	4	5	

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

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

15 16 17 18 19 20 21

		4B Input.txt						
		CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3
-----	YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
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-----	YEAR 2037 -----							
-----	YEAR 2038 -----							
-----	YEAR 2039 -----							
-----	YEAR 2040 -----							

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

		22	23	24	25	26	27	28
		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2
-----	YEAR 2011 -----							
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

GENERATING COMPANIES THERMAL UNIT	4 KPCO	29 GLEN LYN 5	30 GLEN LYN 6	31 0	32 0	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3
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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2011 -----
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 ----- YEAR 2040 -----

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		36	37	38	39	40	41	42
		KANAWHA	KANAWHA	KYGER	KYGER	KYGER	KYGER	KYGER
		1	2	1	2	3	4	5

----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		43	44	45	46	47	48	49
		MITCHELL	MITCHELL	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR
		1	2	1	1	2	3	4

----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								

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

GENERATING COMPANIES THERMAL UNIT	4 KPCO	50 MUSK RVR 5	51 P SPORN 1	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- 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 -----								
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----- YEAR 2018 -----								
----- YEAR 2019 -----								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	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 -----								

----- YEAR 2031 -----
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 ----- 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 -----
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 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	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
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----- YEAR 2014 -----
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 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
GENERATING COMPANIES THERMAL UNIT	4 KPCO	79 CEREDO 5	80 CEREDO 6	81 DARBY 1	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								

----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		93 DRESDEN	94 DRES2	95	96 CT_APCO	97 CC_APCO	98 IGCC AP	99 PC_UL_AP
		1	1	0	1	1	1	1
----- YEAR 2011 ----- OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		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 -----								
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----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

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

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

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

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

----- YEAR 2011 -----
OWNERSHIP RATIO
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----

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

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	121	122	124	126	127	129	130
BS2_FGD	23	BS_BF50	1	0	CSV5_SCR	5	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 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

RATIO 1.00 1.00 1.00 0.00 0.00 0.00 0.00

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

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

RATIO 0.00 0.00 0.00 0.00 0.00 1.00 1.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPC0							
	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 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- 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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

RATIO	0.00	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	158	159	160	161	162	166	168
		0	0	0	0	0	0	0

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
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----- YEAR 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
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----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

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

RATIO

0.00	0.00	0.00	0.00	0.00	0.00	0.00
------	------	------	------	------	------	------

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 -----								
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 ----- 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 0

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

RATIO 0.00 1.00 1.00 1.00 1.00 0.00 0.00

----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO
 501 502 503 955 956 957 958
 DUMMY_IM DUMMY_AP DUMMY_KP BS_BFCC CT_KPCO CT_KPCO CT_KPCO

		4B Input.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	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO						
THERMAL UNIT		501	502	503	955	956	957	958
		DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BFCC	CT_KPCO	CT_KPCO	CT_KPCO
		0	0	0	955	956	957	958
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
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----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

GENERATING COMPANIES		4 KPCO						
THERMAL UNIT		959	960	961	962	963	964	965
		CT_KPCO	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	RP1D_KP
		959	960	961	962	963	964	965
----- YEAR 2011 -----								
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	1.00
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	966	967	968	969	970	971	972
RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IH	DUMMY_OP	
966	967	968	969	970	971	972	

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2021 -----
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 ----- YEAR 2025 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

4B Input.txt

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

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

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

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

----- YEAR 2011 -----
 OWNERSHIP RATIO
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2040 -----

RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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4B Input.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	-----							
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-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	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	-----							

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

	994	995	996	997	998	999
	DUMMY_OP	DUMMY_KP	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 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

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

```

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

```

----- YEAR 2011 -----
 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 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

===== SEASON 1 JANUARY =====
THERMAL UNIT          15          16          17          18          19          20          21
                     CLIFTY 6    CLINCH R 1    CLINCH R 2    CLINCH R 3    ROCKP_KP 1    ROCKP_KP 2    CSVL 1-4 3

```

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

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====	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 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

===== SEASON 1 JANUARY =====	22	23	24	25	26	27	28
THERMAL UNIT	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
----- YEAR 2011 -----	4	5	6	1	2	1	2
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	28
----- YEAR 2012 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							

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

===== SEASON 1 JANUARY =====
 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 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							

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 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  KANAUHA  KANAUHA
                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 -----
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----- 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
  
```

YEAR	HEAT RATE PROFILE	150	0	0	0	0	0	0
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
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2036								
2037								
2038								
2039								
2040								

SEASON	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	HEAT RATE PROFILE	0	0	0	0	0	0	0
2012								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	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								

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

```
===== SEASON 1 JANUARY =====  
THERMAL UNIT          59          61          62          63          64          65          66  
ROCKP_IM             2          1          2          3          4          3          1-3  
                        1          2          3          4          3          1
```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
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----- YEAR 2034 -----
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----- 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 -----								
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----- 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 -----								

4B Input.txt

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							
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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	

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====		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 -----
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 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
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 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====
 THERMAL UNIT 97 98 99 100 101 102 103
 CC_APCO IGCC AP PC_UL_AP Nuke_AP CT_I&M CC_I&M IGCC IM
 1 1 1 1 1 1 1

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====							
THERMAL UNIT	104 PC_UL_IM	105 NUKE_IM	106 CT_KPCO	107 CC_KPCO	108 IGCC KP	109 PC_UL_KP	110 NUKE_KP
----- YEAR 2016 -----	1	1	1	1	1	1	1
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
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----- YEAR 2039 -----							
----- YEAR 2040 -----							

===== SEASON 1 JANUARY =====							
THERMAL UNIT	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
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
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 ----- 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 -----							
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-----	YEAR 2025 -----							
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-----	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 -----							

4B Input.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 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====
 THERMAL UNIT
 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

4B Input.txt

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	1	JANUARY	137	144	153	185	186	187	188
THERMAL UNIT			RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
			2	4	1	1	1	2	1
YEAR 2039									
YEAR 2040									
SEASON	1	JANUARY	189	190	191	193	194	195	196
THERMAL UNIT			RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
			2	4	4	1	2	1	2
YEAR 2011									
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									

----- 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 -----

THERMAL UNIT	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	955 BS_BFCC	956 CT_KPCC	957 CT_KPCC
--------------	-----------------	-----------------	-----------------	-----------------	----------------	----------------	----------------

----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2021 -----							
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----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							

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

===== SEASON 1 JANUARY =====							
THERMAL UNIT	958	959	960	961	962	963	964
	CT_KPC0	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP
	958	959	960	961	962	963	964

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====							
THERMAL UNIT	958	959	960	961	962	963	964
	CT_KPC0	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP
	958	959	960	961	962	963	964

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 1 JANUARY =====							
THERMAL UNIT	965	966	967	968	969	970	971
	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
	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 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

----- YEAR 2011 -----								
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 2025 -----								
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----- YEAR 2028 -----
----- YEAR 2029 -----

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 1 JANUARY =====								
THERMAL UNIT	972	973	974	975	976	977	978	
	DUMMY_OP	DUMMY_OP	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	DUMMY_OP
	979	980	981	982	983	984	985	

SEASONAL HEAT RATE PROFILE

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

----- YEAR 2011 -----
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
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----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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

----- 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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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 =====								
THERMAL UNIT	993	994	995	996	997	998	999	
	DUMMY_OP	DUMMY_OP	DUMMY_KP	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 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====		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
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
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----- YEAR 2028 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

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

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- 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
                      CARD 1+2  9
                      2          3  CLIFTY 10
                                   1  CLIFTY 11
                                   2  CLIFTY 12
                                   3  CLIFTY 13
                                   4  CLIFTY 14
                                   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 -----

4B Input.txt

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

===== SEASON 2 FEBRUARY =====		15	16	17	18	19	20	21
THERMAL UNIT		CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3

----- YEAR 2011 -----
 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 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====		22	23	24	25	26	27	28
THERMAL UNIT		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2

----- YEAR 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 2030 -----
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 ----- 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 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- 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	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
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----- YEAR 2029 -----							
----- YEAR 2030 -----							
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----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

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

4B Input.txt

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

THERMAL UNIT	45	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		1

----- YEAR 2014 -----							
SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0
----- YEAR 2015 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
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----- YEAR 2030 -----							
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----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

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

----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							

----- YEAR 2016 -----
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 ----- 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 -----							
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----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

4B Input.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	ROBTMOME	ROBTMOME	ROBTMOME
	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 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2034 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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

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

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

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

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

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

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
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 ----- 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 -----								
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 ----- 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 -----
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 ----- YEAR 2020 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

4B Input.txt

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

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

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

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

0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---

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

	111	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC_OH	PC_UL_OH	NUKE_OH	CC_FA_KP	BS1_Gas
	1	1	1	1	1	1	1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----

0	0	0	0	0	0	0	0
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----- YEAR 2020 -----
----- 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 2 FEBRUARY =====		111	112	113	114	115	116	118
THERMAL UNIT		CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
		1	1	1	1	1	1	1

----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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 ----- YEAR 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
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
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----- YEAR 2038 -----							
----- YEAR 2039 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
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4B Input.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 -----

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

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

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

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

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

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

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

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

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

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

```

===== SEASON 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 -----

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 ----- 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	BS_BFCC	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	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 † 02/07/13 15:47:18 V04.0 R03.0

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	BS_BFCC	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 -----								
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----- 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              958      959      960      961      962      963      964  
RP2D_IM              958      959      960      961      962      963      964  
CSV6_SCR             958      959      960      961      962      963      964  
CSV5_SCR             958      959      960      961      962      963      964  
DUMMY_OP             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 -----  
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----- YEAR 2020 -----  
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----- YEAR 2039 -----  
----- YEAR 2040 -----
```

===== SEASON 2 FEBRUARY =====		965	966	967	968	969	970	971
THERMAL UNIT		RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
		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 -----								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.
 ‡ 02/07/13 15:47:18 V04.0 R03.0

AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 2 FEBRUARY =====		965	966	967	968	969	970	971
THERMAL UNIT		RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
		965	966	967	968	969	970	971
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
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----- YEAR 2040 -----								

===== SEASON 2 FEBRUARY =====		972	973	974	975	976	977	978
THERMAL UNIT		DUMMY_OP	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 -----
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 ----- YEAR 2040 -----

===== SEASON 2 FEBRUARY =====		979	980	981	982	983	984	985
THERMAL UNIT	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	979	980	981	982	983	984	985	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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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.

----- 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	DUMMY_OP
	986	987	988	989	990	991	992	
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2040 -----

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

THERMAL UNIT	993	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	DUMMY_KP	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 -----

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

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

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

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

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

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

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

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

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

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

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

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

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

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 -----								
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----- YEAR 2030 -----								
----- YEAR 2031 -----								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	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 -----								

4B Input.txt

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

```

===== SEASON 3   MARCH =====
THERMAL UNIT
                22      23      24      25      26      27      28
                CSVL 1-4  CSVL 5+6  CSVL 5+6  D C COOK  D C COOK  GAVIN  GAVIN
                4          5          6          1          2          1          2
    
```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0          0          0          0          0          0          0          28
----- YEAR 2012 -----
SEASONAL HEAT RATE PROFILE           0          0          0          0          0          0          0          0
    
```

----- YEAR 2013 -----
 ----- YEAR 2014 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

===== SEASON 3   MARCH =====
THERMAL UNIT
                29      30      33      34      35      36      37
                GLEN LYN  GLEN LYN  KAMMER  KAMMER  KAMMER  KANAUHA  KANAUHA
                5          6          1          2          3          1          2
    
```

```

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

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

THERMAL UNIT	SEASON 3		MARCH							
	38	39	40	41	42	43	44			
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL			
	1	2	3	4	5	1	2			
----- YEAR 2011 -----										
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0			
----- YEAR 2012 -----										
----- YEAR 2013 -----										

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 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	39	40	41	42	43	44			
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL			
	1	2	3	4	5	1	2			
----- YEAR 2014 -----										
----- YEAR 2015 -----										
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 ----- 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 -----							
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----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	SEASON 3	MARCH					RPRUN_IM
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3 MARCH							
	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1	
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
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						
	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	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 -----

===== SEASON 3				MARCH =====						
THERMAL UNIT				67	68	69	70	71	72	73
				TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
				2	3	4	1	1	2	3
-----	YEAR 2011	-----								
SEASONAL	HEAT RATE	PROFILE	0	0	0	0	164	164	164	
-----	YEAR 2012	-----								
-----	YEAR 2013	-----								
-----	YEAR 2014	-----								
-----	YEAR 2015	-----								
-----	YEAR 2016	-----								
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-----	YEAR 2031	-----								
-----	YEAR 2032	-----								
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-----	YEAR 2034	-----								

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

SEASON 3	MARCH	75	76	77	78	79	80	81
THERMAL UNIT		CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
		1	2	3	4	5	6	1

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

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

SEASON 3	MARCH	82	83	84	85	86	87	88
THERMAL UNIT								

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

----- YEAR 2011 -----	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE											
----- YEAR 2012 -----											
----- YEAR 2013 -----											
----- YEAR 2014 -----											
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----- YEAR 2039 -----											
----- YEAR 2040 -----											

----- SEASON 3 MARCH -----	89	90	91	92	93	94	96
THERMAL UNIT	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APC0
	1	2	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 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- SEASON 3 MARCH -----	89	90	91	92	93	94	96
THERMAL UNIT	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRES2	CT_APC0
	1	2	1	1	1	1	1

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

	===== SEASON 3	MARCH =====							
THERMAL UNIT			97	98	99	100	101	102	103
			CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
			1	1	1	1	1	1	1

----- YEAR 2011 -----									
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
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 ----- 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 -----								
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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 -----
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 ----- YEAR 2039 -----

4B Input.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
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----- YEAR 2012 -----

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

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

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----- 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 -----

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

		===== SEASON 3 MARCH =====						
THERMAL UNIT		137	144	153	185	186	187	188
		RP2D_KP	TC4_ESP	MTN_18%	RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP
		2	4	1	1	1	2	1
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							
-----	YEAR 2013 -----							
-----	YEAR 2014 -----							
SEASONAL	HEAT RATE PROFILE	0	0	150	0	0	0	0
-----	YEAR 2015 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2016 -----							
-----	YEAR 2017 -----							
-----	YEAR 2018 -----							
-----	YEAR 2019 -----							
-----	YEAR 2020 -----							
-----	YEAR 2021 -----							
-----	YEAR 2022 -----							
-----	YEAR 2023 -----							
-----	YEAR 2024 -----							
-----	YEAR 2025 -----							
-----	YEAR 2026 -----							
-----	YEAR 2027 -----							
-----	YEAR 2028 -----							
-----	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		189	190	191	193	194	195	196
		RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
		2	4	4	1	2	1	2
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2012 -----							

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

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	===== SEASON 3 MARCH =====						
	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

THERMAL UNIT	===== SEASON 3 MARCH =====						
	500 DUMMY_OF 0	501 DUMMY_IN 0	502 DUMMY_AP 0	503 DUMMY_KP 0	955 BS_BFCC 955	956 CT_KPC0 956	957 CT_KPC0 957
----- YEAR 2011 -----							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
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 ----- YEAR 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 3	MARCH =====							
THERMAL UNIT	958	959	960	961	962	963	964	
	CT_KPC0	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	
	958	959	960	961	962	963	964	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----

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4B Input.txt

```

===== SEASON 3 MARCH =====
THERMAL UNIT          958      959      960      961      962      963      964
                      CT_KPC0  CT_KPC0  RP2D_KP  RP2D_IM  CSV6_SCR  CSV5_SCR  DUMMY_OP
                      958      959      960      961      962      963      964

```

```

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

```

```

===== SEASON 3 MARCH =====
THERMAL UNIT          965      966      967      968      969      970      971
                      RP1D_KP  RP1D_03  CR2_NGCC  CR1_NGCC  MR5_NGCC  RP2TR_KP  RP2TR_IM
                      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 -----
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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          972      973      974      975      976      977      978
                      DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP  DUMMY_OP
                      972      973      974      975      976      977      978

```

4B Input.txt

YEAR	HEAT RATE	PROFILE						
2011			0	0	0	0	0	0
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	DUMMY_OP						
			979	980	981	982	983	984	985
			979	980	981	982	983	984	985
			979	980	981	982	983	984	985
2011			0	0	0	0	0	0	0
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									

----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- 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		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 -----
 ----- YEAR 2040 -----

===== SEASON 3	MARCH =====							
THERMAL UNIT	993	994	995	996	997	998	999	
	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP	
	993	994	995	996	997	998	999	

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

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

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 3	MARCH =====							
THERMAL UNIT	993	994	995	996	997	998	999	
	DUMMY_OP	DUMMY_OP	DUMMY_KP	DUMMY_OP	DUMMY_OP	T4_TRONA	DUMMY_OP	
	993	994	995	996	997	998	999	

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

===== SEASON 4	APRIL =====							
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2	
	1	2	3	6	1	2	1	

4B Input.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 -----
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----- YEAR 2030 -----
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----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

```

```

===== SEASON 4 APRIL =====
THERMAL UNIT          8
CARD 1+2          2
CARD 3            3
CLIFTY 10         1
CLIFTY 11         2
CLIFTY 12         3
CLIFTY 13         4
CLIFTY 14         5

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE          0          0          0          0          0          0          0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
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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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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4	APRIL =====							
THERMAL UNIT		8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY	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	0
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
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----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								

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

===== SEASON 4 APRIL =====
 THERMAL UNIT 29 30 33 34 35 36 37
 GLEN LYN GLEN LYN KAMMER KAMMER KAMMER KANAUHA KANAUHA
 5 6 1 2 3 1 2

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

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4B Input.txt
 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 -----								
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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 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====		45	46	47	48	49	50	51
THERMAL UNIT	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	1	1	2	3	4	5		1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0	0
----- YEAR 2012 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2013 -----								
----- YEAR 2014 ----- SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0	0
----- YEAR 2015 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		45	46	47	48	49	50	51
THERMAL UNIT	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	1	1	2	3	4	5		1
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

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

THERMAL UNIT	===== SEASON 4 APRIL =====						
	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2036 -----

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	APRIL	59	61	62	63	64	65	66
THERMAL UNIT		ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
		2	1	2	3	4	3	1
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
SEASON	APRIL	67	68	69	70	71	72	73
THERMAL UNIT		TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE
		2	3	4	1	1	2	3
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE		0	0	0	0	162	162	162
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
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 ----- 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 -----							

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

===== SEASON 4 APRIL =====		97	98	99	100	101	102	103
THERMAL UNIT		CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
		1	1	1	1	1	1	1
-----	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 -----							

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AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4		APRIL =====						
THERMAL UNIT	97	98	99	100	101	102	103	
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM	
----- YEAR 2028 -----	1	1	1	1	1	1	1	
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
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----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 4		APRIL =====						
THERMAL UNIT	104	105	106	107	108	109	110	
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	
----- YEAR 2011 -----	1	1	1	1	1	1	1	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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----- YEAR 2018 -----								
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----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT	111	112	113	114	115	116	118	
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas	
	1	1	1	1	1	1	1	

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2019 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4	APRIL =====							
THERMAL UNIT	111	112	113	114	115	116	118	
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas	
	1	1	1	1	1	1	1	

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

===== SEASON 4	APRIL =====							
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	

4B Input.txt

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----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
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----- YEAR 2039 -----
----- YEAR 2040 -----

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----- SEASON 4 APRIL -----
THERMAL UNIT
          130      131      132      133      134      135      136
        CR2_NGCC MR5_NGCC MR5_FGD RP1D_IM RP2D_IM TAN4_FGD RP1D_KP
          2         5         5         1         2         4         1

```

```

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE           0           0           0           0           0           0           0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
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----- YEAR 2026 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

===== SEASON 4 APRIL =====
THERMAL UNIT
 137 144 153 185 186 187 188
 RP2D_KP TC4_ESP MTN_18% RP1D_03 RP1TR_IM RP2TR_IM RP1TR_KP
 2 4 1 1 1 2 1

----- YEAR 2011 -----
SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
----- 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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Strategist Page 586

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====
THERMAL UNIT
 137 144 153 185 186 187 188
 RP2D_KP TC4_ESP MTN_18% RP1D_03 RP1TR_IM RP2TR_IM RP1TR_KP
 2 4 1 1 1 2 1

----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
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----- YEAR 2022 -----
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 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====
 THERMAL UNIT 189 190 191 193 194 195 196
 RP2TR_KP T4_TRONA T4_TRCCR ML_KP20 ML_KP20 ML_KP50 ML_KP50
 2 4 4 1 2 1 2

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0 0
 ----- YEAR 2012 -----
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 ----- YEAR 2040 -----

===== SEASON 4 APRIL =====
 THERMAL UNIT 500 501 502 503 955 956 957
 DUMMY_OP DUMMY_IM DUMMY_AP DUMMY_KP BS_BFCC 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 4	APRIL =====							
THERMAL UNIT	500	501	502	503	955	956	957	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	BS_BFCC	CT_KPC0	CT_KPC0	
	0	0	0	0	955	956	957	

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

===== SEASON 4	APRIL =====							
THERMAL UNIT	958	959	960	961	962	963	964	
	CT_KPC0	CT_KPC0	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	
	958	959	960	961	962	963	964	

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
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----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

THERMAL UNIT	965	966	967	968	969	970	971
	RP1D_KP	RP1D_03	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM
	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 -----							
----- 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 4 APRIL =====								
THERMAL UNIT		972	973	974	975	976	977	978
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		972	973	974	975	976	977	978
----- YEAR 2011 -----								
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 -----								

===== SEASON 4 APRIL =====								
THERMAL UNIT		979	980	981	982	983	984	985
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		979	980	981	982	983	984	985
----- YEAR 2011 -----								
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

----- YEAR 2015 -----
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 ----- YEAR 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 -----								
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----- YEAR 2022 -----								

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 4 APRIL =====		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	

----- YEAR 2023 -----
 ----- YEAR 2024 -----
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 ----- YEAR 2040 -----

===== SEASON 4	APRIL =====							
THERMAL UNIT		993	994	995	996	997	998	999
		DUMMY_OP	DUMMY_OP	DUMMY_KP	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 -----								
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----- YEAR 2039 -----

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

===== SEASON 5	MAY =====							
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7	
	1	2	3	6	1	2	1	

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

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

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

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

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

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

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

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

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

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

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

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

----- 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 5	MAY =====							
THERMAL UNIT	1	2	3	4	5	6	7	
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7	
	1	2	3	6	1	2	1	

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

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

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

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

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

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

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

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

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

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

----- YEAR 2014 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5

MAY =====

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

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE 0 0 0 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2020 -----
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----- YEAR 2030 -----
 ----- YEAR 2031 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== SEASON 5		MAY =====						
THERMAL UNIT		22	23	24	25	26	27	28
		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2
-----	YEAR 2011 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	28
-----	YEAR 2012 -----							
SEASONAL	HEAT RATE PROFILE	0	0	0	0	0	0	0
-----	YEAR 2013 -----							

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AEP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== SEASON 5		MAY =====						
THERMAL UNIT		22	23	24	25	26	27	28
		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
		4	5	6	1	2	1	2
-----	YEAR 2014 -----							
-----	YEAR 2015 -----							
-----	YEAR 2016 -----							
-----	YEAR 2017 -----							
-----	YEAR 2018 -----							
-----	YEAR 2019 -----							
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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 5			MAY =====					
THERMAL UNIT	29	30	33	34	35	36	37	
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA	
	5	6	1	2	3	1	2	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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----- YEAR 2039 -----								
----- YEAR 2040 -----								

===== SEASON 5			MAY =====					
THERMAL UNIT	38	39	40	41	42	43	44	
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL	
	1	2	3	4	5	1	2	
----- YEAR 2011 ----- SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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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 -----
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 ----- YEAR 2030 -----
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 ----- 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 -----								
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===== SEASON 5		MAY =====						
THERMAL UNIT		52	53	54	55	56	57	58
		P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM
		2	3	4	5	5	1	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
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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 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- 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 -----
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 ----- YEAR 2040 -----

----- YEAR -----	----- SEASON 5 -----	MAY -----	75	76	77	78	79	80	81
THERMAL UNIT			CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
----- YEAR 2011 -----			1	2	3	4	5	6	1
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
----- YEAR 2012 -----									
----- YEAR 2013 -----									
----- YEAR 2014 -----									
----- YEAR 2015 -----									

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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- YEAR -----	----- SEASON 5 -----	MAY -----	75	76	77	78	79	80	81
THERMAL UNIT			CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
----- YEAR 2016 -----			1	2	3	4	5	6	1
----- YEAR 2017 -----									
----- YEAR 2018 -----									
----- YEAR 2019 -----									
----- YEAR 2020 -----									
----- YEAR 2021 -----									
----- YEAR 2022 -----									
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 ----- 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 -----											

4B Input.txt

===== SEASON 5		MAY =====						
THERMAL UNIT		89	90	91	92	93	94	96
		LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APCO
		1	2	1	1	1	1	1
----- YEAR 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.

===== SEASON 5		MAY =====						
THERMAL UNIT		89	90	91	92	93	94	96
		LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APCO
		1	2	1	1	1	1	1
----- YEAR 2028 -----								
----- YEAR 2029 -----								
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===== SEASON 5		MAY =====						
THERMAL UNIT		97	98	99	100	101	102	103
		CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
		1	1	1	1	1	1	1
----- YEAR 2011 -----	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								

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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 -----	SEASONAL HEAT RATE PROFILE	1	1	1	1	1	1	1
----- YEAR 2012 -----		0	0	0	0	0	0	0
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
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 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	MAY	104	105	106	107	108	109	110
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
THERMAL UNIT	5		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									
	5								
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									
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YEAR 2014									
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YEAR 2015									
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YEAR 2016									
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YEAR 2017									
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YEAR 2018									
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YEAR 2019									
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YEAR 2020									
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YEAR 2021									
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YEAR 2037									
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YEAR 2038									