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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

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EFFLUENT	1 SO2 (E)						
THERMAL UNIT	189	190	191	193	194	195	196
	RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
	2	4	4	1	2	1	2

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

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

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EFFLUENT	1 SO2 (E)						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	1 SO2 (E)						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958

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EFFLUENT	1 SO2 (E)						
THERMAL UNIT	959	960	961	962	963	964	965
	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP
	959	960	961	962	963	964	965
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	1 SO2 (E)						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	1 SO2 (E)						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
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-------- YEAR 2038 --------							
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-------- YEAR 2040 --------							
EFFLUENT	1 SO2 (E)						
THERMAL UNIT	973	974	975	976	977	978	979
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	973	974	975	976	977	978	979
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	1 SO2 (E)						
THERMAL UNIT	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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	1 SO2 (E)						
THERMAL UNIT	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	987	988	989	990	991	992	993
-------- YEAR 2011 --------							
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 --------

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

EFFLUENT	1 SO2 (E)						
THERMAL UNIT	987	988	989	990	991	992	993
	DUMMY_OP 987	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993
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EFFLUENT	1 SO2 (E)					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP 994	DUMMY_OP 995	ML_KP20 996	ML_KP20 997	T4_TRONA 998	DUMMY_OP 999
-------- YEAR 2011 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0
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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	1	2	3	4	5	6	7
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	15	16	17	18	19	20	21
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
	6	1	2	3	1	2	3
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (S)						
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

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EFFLUENT	2 CO2 (S)						
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 --------							
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

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	29	30	33	34	35	36	37
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	205.30	205.30	208.26	208.26	208.26	205.30	205.30
EMISSIONS DATA AT MINIMUM	205.30	205.30	208.26	208.26	208.26	205.30	205.30
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (S)						
THERMAL UNIT	29	30	33	34	35	36	37
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-------- YEAR 2040 --------							
EFFLUENT	2 CO2 (S)						
THERMAL UNIT	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	208.77	208.77
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	208.77	208.77
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	2 CO2 (S)						
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 --------							
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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EFFLUENT	2 CO2 (S)						
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 --------							
EMISSIONS DATA AT MAXIMUM	205.30	205.30	205.30	205.30	205.30	211.74	211.74
EMISSIONS DATA AT MINIMUM	205.30	205.30	205.30	205.30	205.30	211.74	211.74
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
-------- YEAR 2013 --------							

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	2 CO2 (S)						
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
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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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
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EFFLUENT	2 CO2 (S)						
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 --------							
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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (S)						
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

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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	97	98	99	100	101	102	103
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
	1	1	1	1	1	1	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	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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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	2 CO2 (S) 104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	205.30	0.00	0.00	0.00	205.30	205.30	0.00
EMISSIONS DATA AT MINIMUM	205.30	0.00	0.00	0.00	205.30	205.30	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	2 CO2 (S)						
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 --------							
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

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	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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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	2 CO2 (S)						
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
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EFFLUENT	2 CO2 (S)						
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 --------							
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
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EFFLUENT	2 CO2 (S)						
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 --------							
EMISSIONS DATA AT MAXIMUM	212.58	211.22	177.79	212.58	211.74	211.74	211.74
EMISSIONS DATA AT MINIMUM	212.58	211.22	177.79	212.58	211.74	211.74	211.74
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (S)						
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

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EFFLUENT	2 CO2 (S)						
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	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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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	212.58	212.58
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	212.58	212.58
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (S)						
THERMAL UNIT	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	957 RP2D_KP	958 RP2D_IM
	0	0	0	0	0	957	958

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	959 CSV6_SCR	960 CSV5_SCR	961 DUMMY_OP	962 BS_BFCC	963 RP1D_KP	964 RP1D_03	965 DUMMY_KP
	959	960	961	962	963	964	965

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EMISSIONS DATA AT MAXIMUM	210.66	210.66	0.00	0.00	212.58	212.58	0.00
EMISSIONS DATA AT MINIMUM	210.66	210.66	0.00	0.00	212.58	212.58	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	211.74	211.74	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	211.74	211.74	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	973	974	975	976	977	978	979
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	973	974	975	976	977	978	979
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	2 CO2 (S)						
THERMAL UNIT	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	987	988	989	990	991	992	993
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	2 CO2 (S)						
THERMAL UNIT	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

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EFFLUENT	2 CO2 (S)					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999
-------- YEAR 2011 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	208.77	208.77	211.22	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	208.77	208.77	211.22	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
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
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	15	16	17	18	19	20	21
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
	6	1	2	3	1	2	3
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	3 CO2 (G)						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
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

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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	29	30	33	34	35	36	37
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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EFFLUENT	3 CO2 (G)						
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 --------							

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
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

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
THERMAL UNIT	75	76	77	78	79	80	81
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	82	83	84	85	86	87	88
	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LWBG WIN 1	LWBG WIN 2
-------- YEAR 2011 --------							
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
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EFFLUENT	3 CO2 (G)						
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 --------							
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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
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

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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	97	98	99	100	101	102	103
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
	1	1	1	1	1	1	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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

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

	1	1	1	1	1	1	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	116.00	116.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	116.00	116.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
THERMAL UNIT	104	105	106	107	108	109	110
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP
	1	1	1	1	1	1	1
-------- YEAR 2030 --------							
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EFFLUENT	3 CO2 (G)						
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 --------							
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
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
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 --------

EFFLUENT	3 CO2 (G)						
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 --------							
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

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

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EFFLUENT	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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	959	960	961	962	963	964	965
	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP
	959	960	961	962	963	964	965
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	116.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	116.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC 966	CR1_NGCC 967	MR5_NGCC 968	RP2TR_KP 969	RP2TR_IM 970	DUMMY_OP 971	DUMMY_OP 972
-------- 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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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)						
THERMAL UNIT	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 2036 --------							
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	980	981	982	983	984	985	986
	DUMMY_OP 980	DUMMY_OP 981	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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EFFLUENT	3 CO2 (G)						
THERMAL UNIT	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	987	988	989	990	991	992	993
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	3 CO2 (G)					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999
-------- YEAR 2011 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	3 CO2 (G)					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999

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EFFLUENT	4 NOX (B)						
THERMAL UNIT	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
	1	2	3	6	1	2	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.21	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.21	2.76	0.45	0.48
EMISSIONS DATA PROFILE	53	54	3	0	5	7	8
-------- YEAR 2012 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.31	2.76	0.45	0.48
-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.26	2.76	0.45	0.48
-------- YEAR 2014 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.16	2.76	0.45	0.48
-------- YEAR 2015 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.10	2.76	0.45	0.48
-------- YEAR 2016 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
-------- YEAR 2017 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
-------- YEAR 2018 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.09	2.76	0.45	0.48
-------- YEAR 2019 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
-------- YEAR 2020 --------							
EMISSIONS DATA AT MAXIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
EMISSIONS DATA AT MINIMUM	0.48	0.47	0.67	3.08	2.76	0.45	0.48
-------- YEAR 2021 --------							
-------- YEAR 2022 --------							
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EFFLUENT	4 NOX (B)						
THERMAL UNIT	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.49	0.52	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.49	0.52	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	9	10	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B) 8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1	11 CLIFTY 2	12 CLIFTY 3	13 CLIFTY 4	14 CLIFTY 5
-------- YEAR 2012 --------							
EMISSIONS DATA AT 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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EFFLUENT THERMAL UNIT	4 NOX (B) 15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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
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EFFLUENT	4 NOX (B)						
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 --------							
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

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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	4 NOX (B)						
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

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EFFLUENT	4 NOX (B)						
THERMAL UNIT	29	30	33	34	35	36	37
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-------- YEAR 2011 --------							
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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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
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EMISSIONS DATA PROFILE	32	34	35	36	37	38	39
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EFFLUENT	4 NOX (B)						
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 --------							
EMISSIONS DATA AT MAXIMUM	2.67	2.81	2.87	2.68	8.40	1.84	1.84
EMISSIONS DATA AT MINIMUM	2.67	2.81	2.87	2.68	8.40	1.84	1.84
EMISSIONS DATA PROFILE	40	41	42	43	44	45	45
-------- YEAR 2012 --------							
EMISSIONS DATA AT MAXIMUM	2.67	2.47	2.53	2.68	8.40	1.84	1.84
EMISSIONS DATA AT MINIMUM	2.67	2.47	2.53	2.68	8.40	1.84	1.84
EMISSIONS DATA PROFILE	40	27	59	43	44	45	45
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EFFLUENT	4 NOX (B)						
THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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

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EFFLUENT	4 NOX (B)						
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 --------							
EMISSIONS DATA AT MAXIMUM	3.06	3.00	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	3.06	3.00	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA PROFILE	69	70	51	0	0	0	0
-------- YEAR 2012 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.27	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.27	0.28
-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
-------- YEAR 2014 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
-------- YEAR 2015 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
-------- YEAR 2016 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
-------- YEAR 2017 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
-------- YEAR 2018 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
-------- YEAR 2019 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
-------- YEAR 2020 --------							
EMISSIONS DATA AT MAXIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM	2.34	2.73	2.70	2.07	0.28	0.28	0.28

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)						
THERMAL UNIT	67	68	69	70	71	72	73
	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 3
-------- YEAR 2039 --------							
-------- YEAR 2040 --------							
EFFLUENT	4 NOX (B)						
THERMAL UNIT	75	76	77	78	79	80	81
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.39
EMISSIONS DATA AT MINIMUM	0.31	0.31	0.31	0.31	0.31	0.31	0.39
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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EFFLUENT	4 NOX (B)						
THERMAL UNIT	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.09
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.09
-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.09	0.08
-------- YEAR 2014 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
-------- YEAR 2015 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
-------- YEAR 2016 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
-------- YEAR 2017 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
-------- YEAR 2018 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
-------- YEAR 2019 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
-------- YEAR 2020 --------							
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
EMISSIONS DATA AT MINIMUM	0.39	0.39	0.39	0.39	0.39	0.08	0.08
-------- YEAR 2021 --------							
-------- YEAR 2022 --------							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LWBG WIN 1	LWBG WIN 2
-------- YEAR 2040 --------							
EFFLUENT	4 NOX (B)						
THERMAL UNIT	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 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 --------							
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EFFLUENT	4 NOX (B)						
THERMAL UNIT	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
-------- YEAR 2011 --------							
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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B) 104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.62	0.00	0.41	0.06	0.50	0.62	0.00
EMISSIONS DATA AT MINIMUM	0.62	0.00	0.41	0.06	0.50	0.62	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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EFFLUENT	4 NOX (B)						
THERMAL UNIT	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.08	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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)						
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

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EFFLUENT 4 NOX (B)

THERMAL UNIT	130 CR2_NGCC 2	131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.52	0.40	0.40	2.54	0.38
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.52	0.40	0.40	2.54	0.38
EMISSIONS DATA PROFILE	0	0	65	66	67	51	0
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EFFLUENT THERMAL UNIT	4 NOX (B) 137 RP2D_KP 2	144 TC4_ESP 4	153 MTN_18% 1	185 RP1D_03 1	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	1.51	2.54	0.73	0.40	1.84	1.73	1.84
EMISSIONS DATA AT MINIMUM	1.51	2.54	0.73	0.40	1.84	1.73	1.84
EMISSIONS DATA PROFILE	0	51	28	66	45	46	45
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)						
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
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EFFLUENT	4 NOX (B)						
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	1.73	2.70	2.70	0.55	0.49	0.55	0.49
EMISSIONS DATA AT MINIMUM	1.73	2.70	2.70	0.55	0.49	0.55	0.49
EMISSIONS DATA PROFILE	0	51	51	0	0	0	0
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EFFLUENT	4 NOX (B)						
THERMAL UNIT	201	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	957 RP2D_KP	958 RP2D_IM
	0	0	0	0	0	957	958
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	1.51	0.40
EMISSIONS DATA AT MINIMUM	2.18	0.00	0.00	0.00	0.00	1.51	0.40
EMISSIONS DATA PROFILE	0	0	0	0	0	0	67

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958

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

EFFLUENT	4 NOX (B)						
THERMAL UNIT	959	960	961	962	963	964	965
	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP
	959	960	961	962	963	964	965
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.35	0.36	0.00	0.08	0.38	0.40	0.00
EMISSIONS DATA AT MINIMUM	0.35	0.36	0.00	0.08	0.38	0.40	0.00
EMISSIONS DATA PROFILE	61	60	0	0	0	66	0
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EFFLUENT	4 NOX (B)						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	1.73	1.73	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	1.73	1.73	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	46	0	0
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EFFLUENT	4 NOX (B)						
THERMAL UNIT	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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)						
THERMAL UNIT	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

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EFFLUENT THERMAL UNIT	4 NOX (B) 980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	4 NOX (B)						
THERMAL UNIT	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	987	988	989	990	991	992	993
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)						
THERMAL UNIT	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

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EFFLUENT	4 NOX (B)					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999
-------- YEAR 2011 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.49	0.55	2.70	0.00

EMISSIONS DATA AT MINIMUM	0.00	0.00	0.49	0.55	2.70	0.00
EMISSIONS DATA PROFILE	0	0	0	0	51	0

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

EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.19	4.19	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.19	4.19	0.00
-------- YEAR 2020 --------							
-------- YEAR 2021 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.22	4.22	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.22	4.22	0.00
-------- YEAR 2022 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	4.24	4.24	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	4.24	4.24	0.00
-------- YEAR 2023 --------							
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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	5 NSR SO2						
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 2027 --------							
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EFFLUENT	5 NSR SO2						
THERMAL UNIT	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	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	5 NSR SO2						
THERMAL UNIT	15	16	17	18	19	20	21
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
	6	1	2	3	1	2	3
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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

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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

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT / THERMAL UNIT	5 NSR SO2						
	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
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-------- YEAR 2040 --------							

EFFLUENT / THERMAL UNIT	5 NSR SO2						
	22	23	24	25	26	27	28
	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
	4	5	6	1	2	1	2
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	5 NSR SO2						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
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 2040 --------

EFFLUENT	5 NSR SO2						
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 --------

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

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EFFLUENT	5 NSR SO2						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	5 NSR SO2						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
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

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

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EFFLUENT	5 NSR SO2						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
THERMAL UNIT	67	68	69	70	71	72	73
	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 3
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EFFLUENT	5 NSR SO2						
THERMAL UNIT	75	76	77	78	79	80	81
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	5 NSR SO2						
THERMAL UNIT	82	83	84	85	86	87	88
	DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN
	2	3	4	5	6	1	2
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
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 2036 --------							
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EFFLUENT	5 NSR SO2						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	5 NSR SO2						
THERMAL UNIT	97	98	99	100	101	102	103
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
	1	1	1	1	1	1	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	5 NSR SO2						
THERMAL UNIT	104	105	106	107	108	109	110
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP
	1	1	1	1	1	1	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
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 2012 --------							

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EFFLUENT	5 NSR SO2						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	5 NSR SO2						
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 CR1_NGCC 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.08	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.08	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	1.66	0.00	0.00	0.00	0.00
-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	1.60	0.00	0.00	0.00	0.00
-------- YEAR 2014 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	1.58	0.00	0.00	0.00	0.00
-------- YEAR 2015 --------							
-------- YEAR 2016 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
-------- YEAR 2017 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
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 CR1_NGCC 1
-------- YEAR 2018 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
-------- YEAR 2019 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.10	0.00	0.00	0.00	0.00
-------- YEAR 2020 --------							
-------- YEAR 2021 --------							
-------- YEAR 2022 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.11	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.11	0.00	0.00	0.00	0.00
-------- YEAR 2023 --------							
-------- YEAR 2024 --------							
-------- YEAR 2025 --------							
-------- YEAR 2026 --------							
-------- YEAR 2027 --------							

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

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

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

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

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

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

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

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

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

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

EFFLUENT	5 NSR SO2						
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 --------							
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 --------

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

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

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

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

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

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

EFFLUENT	5 NSR SO2						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.00	0.00	0.00	0.00
-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.00	0.00	0.00	0.00
-------- YEAR 2014 --------							
EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.00	0.00	0.00	0.00
-------- YEAR 2015 --------							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00
-------- YEAR 2016 --------							
-------- YEAR 2017 --------							

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 SO2						
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 --------							
-------- YEAR 2021 --------							
-------- YEAR 2022 --------							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.00	0.00	0.00	0.00
-------- YEAR 2023 --------							
-------- YEAR 2024 --------							
-------- YEAR 2025 --------							
-------- YEAR 2026 --------							
-------- YEAR 2027 --------							
-------- YEAR 2028 --------							
-------- YEAR 2029 --------							
-------- YEAR 2030 --------							
-------- YEAR 2031 --------							
-------- YEAR 2032 --------							
-------- YEAR 2033 --------							
-------- YEAR 2034 --------							
-------- YEAR 2035 --------							
-------- YEAR 2036 --------							
-------- YEAR 2037 --------							
-------- YEAR 2038 --------							
-------- YEAR 2039 --------							
-------- YEAR 2040 --------							

EFFLUENT	5 NSR SO2						
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	0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.87	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
EMISSIONS DATA AT MAXIMUM	0.98	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.98	0.00	0.00	0.14	0.14	0.14	0.14
-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	1.06	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	1.06	0.00	0.00	0.14	0.14	0.14	0.14
-------- YEAR 2014 --------							
EMISSIONS DATA AT MAXIMUM	0.53	0.00	0.00	0.15	0.15	0.15	0.15
EMISSIONS DATA AT MINIMUM	0.53	0.00	0.00	0.15	0.15	0.15	0.15
-------- YEAR 2015 --------							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14
-------- YEAR 2016 --------							
-------- YEAR 2017 --------							
-------- YEAR 2018 --------							
-------- YEAR 2019 --------							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13
-------- YEAR 2020 --------							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.14	0.14	0.14	0.14
-------- YEAR 2021 --------							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.13	0.13	0.13	0.13
-------- YEAR 2022 --------							
EMISSIONS DATA AT MAXIMUM	0.47	0.00	0.00	0.12	0.12	0.12	0.12
EMISSIONS DATA AT MINIMUM	0.47	0.00	0.00	0.12	0.12	0.12	0.12
-------- YEAR 2023 --------							
-------- YEAR 2024 --------							
-------- YEAR 2025 --------							
-------- YEAR 2026 --------							
-------- YEAR 2027 --------							
-------- YEAR 2028 --------							
-------- YEAR 2029 --------							
-------- YEAR 2030 --------							
-------- YEAR 2031 --------							
-------- YEAR 2032 --------							
-------- YEAR 2033 --------							
-------- YEAR 2034 --------							
-------- YEAR 2035 --------							
-------- YEAR 2036 --------							
-------- YEAR 2037 --------							
-------- YEAR 2038 --------							
-------- YEAR 2039 --------							
-------- YEAR 2040 --------							

EFFLUENT	5 NSR SO2						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.87	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.87	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	0.00	0.98	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.98	0.00

-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	1.06	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	1.06	0.00
-------- YEAR 2014 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.53	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.53	0.00
-------- YEAR 2015 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.47	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958
-------- YEAR 2015 --------							
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.47	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	0.00	0.00	0.47	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.47	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	5 NSR SO2						
THERMAL UNIT	959	960	961	962	963	964	965
	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP
	959	960	961	962	963	964	965
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.75	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.75	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
-------- YEAR 2013 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.82	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.82	0.00	0.00

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

EFFLUENT	5 NSR SO2						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
-------- 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 --------							

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 5 NSR SO2

THERMAL UNIT	966 CR2_NGCC 966	967 CR1_NGCC 967	968 MR5_NGCC 968	969 RP2TR_KP 969	970 RP2TR_IM 970	971 DUMMY_OP 971	972 DUMMY_OP 972
-------- YEAR 2017 --------							
-------- YEAR 2018 --------							
-------- YEAR 2019 --------							
-------- YEAR 2020 --------							
-------- YEAR 2021 --------							
-------- YEAR 2022 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	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 2023 --------							
-------- YEAR 2024 --------							
-------- YEAR 2025 --------							
-------- YEAR 2026 --------							
-------- YEAR 2027 --------							
-------- YEAR 2028 --------							
-------- 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 SO2 THERMAL UNIT	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
-------- YEAR 2013 --------							
-------- YEAR 2014 --------							
-------- YEAR 2015 --------							
-------- YEAR 2016 --------							
-------- YEAR 2017 --------							
-------- YEAR 2018 --------							
-------- YEAR 2019 --------							
-------- YEAR 2020 --------							
-------- YEAR 2021 --------							
-------- YEAR 2022 --------							
-------- YEAR 2023 --------							
-------- YEAR 2024 --------							
-------- YEAR 2025 --------							
-------- YEAR 2026 --------							
-------- YEAR 2027 --------							
-------- YEAR 2028 --------							

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2						
THERMAL UNIT	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 2026 --------

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

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

-------- 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 SO2						
THERMAL UNIT	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	987	988	989	990	991	992	993
-------- YEAR 2011 --------							
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 2034 --------

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

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

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

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

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

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

EFFLUENT	5 NSR SO2					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999
-------- YEAR 2011 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
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 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.14	0.14	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.14	0.14	0.00	0.00
-------- YEAR 2013 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.14	0.14	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.14	0.14	0.00	0.00

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	5 NSR SO2					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999
-------- YEAR 2028 --------						
-------- YEAR 2029 --------						
-------- YEAR 2030 --------						
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-------- YEAR 2036 --------						
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-------- YEAR 2038 --------						
-------- YEAR 2039 --------						
-------- YEAR 2040 --------						

EFFLUENT	6 HG (E)						
THERMAL UNIT	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
	1	2	3	6	1	2	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	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 --------							
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EFFLUENT 6 HG (E)
THERMAL UNIT

	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)						
THERMAL UNIT	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5

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

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EFFLUENT	6 HG (E)						
THERMAL UNIT	15	16	17	18	19	20	21
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
	6	1	2	3	1	2	3
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	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

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

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EFFLUENT	6 HG (E)						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.01	0.01
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)						
THERMAL UNIT	29	30	33	34	35	36	37
	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
	5	6	1	2	3	1	2
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EFFLUENT	6 HG (E)						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	6 HG (E)						
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 --------							
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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)						
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

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

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EFFLUENT	6 HG (E)						
THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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EFFLUENT	6 HG (E)						
THERMAL UNIT	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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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	6 HG (E) 82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E) 97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
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EFFLUENT THERMAL UNIT	6 HG (E) 104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	6 HG (E)						
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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)						
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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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EFFLUENT	6 HG (E)						
THERMAL UNIT	189	190	191	193	194	195	196
	RP2TR_KP	T4_TR0NA	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

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EFFLUENT	6 HG (E)						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)						
THERMAL UNIT	201	500	501	502	503	957	958
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM
	0	0	0	0	0	957	958

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EFFLUENT	6 HG (E)						
THERMAL UNIT	959	960	961	962	963	964	965
	CSV6_SCR	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP

	959	960	961	962	963	964	965
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	6 HG (E)						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)						
THERMAL UNIT	966	967	968	969	970	971	972
	CR2_NGCC	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP
	966	967	968	969	970	971	972
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EFFLUENT	6 HG (E)						
THERMAL UNIT	973	974	975	976	977	978	979
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	973	974	975	976	977	978	979
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
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EFFLUENT	6 HG (E)						
THERMAL UNIT	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 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	6 HG (E)						
THERMAL UNIT	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

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EFFLUENT	6 HG (E)						
THERMAL UNIT	987	988	989	990	991	992	993
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	987	988	989	990	991	992	993
-------- YEAR 2011 --------							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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EFFLUENT	6 HG (E)					
THERMAL UNIT	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	994	995	996	997	998	999
-------- YEAR 2011 --------						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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THERMAL UNIT		2	AMOS	2
UNIT FUELS			1	

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		3	AMOS_OP 3
UNIT FUELS			1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	5	BIG SAND	1
UNIT FUELS			1

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

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

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

```
   THERMAL UNIT                        7     CARD 1+2     1
   UNIT FUELS                                       1

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

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

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

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   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 --------

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   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 --------

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THERMAL UNIT	10	CLIFTY	1
UNIT FUELS		1	

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

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

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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	10	CLIFTY	1
UNIT FUELS		1	

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THERMAL UNIT	11	CLIFTY	2
UNIT FUELS			1

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

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

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

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	12	CLIFTY	3
UNIT FUELS			1

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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 --------

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 --------

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THERMAL UNIT	16	CLINCH R	1
UNIT FUELS			1

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

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

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   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 --------

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

THERMAL UNIT	17	CLINCH R	2
UNIT FUELS			1

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

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THERMAL UNIT	18	CLINCH R	3
UNIT FUELS			1

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.11
UNIT FUEL TYPE	FUEL ID	18

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

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THERMAL UNIT		19	ROCKP_KP 1
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		58
-------- YEAR 2012 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.07
-------- YEAR 2013 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.07
-------- YEAR 2014 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.27
-------- YEAR 2015 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.29
-------- YEAR 2016 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.67
-------- YEAR 2017 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.70
-------- YEAR 2018 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.74
-------- YEAR 2019 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.77
-------- YEAR 2020 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.78
-------- YEAR 2021 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.80
-------- YEAR 2022 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.80
-------- YEAR 2023 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.83
-------- YEAR 2024 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.84
-------- YEAR 2025 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.86
-------- YEAR 2026 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.88
-------- YEAR 2027 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.90

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		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 --------

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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                    21     CSVL 1-4    3
   UNIT FUELS                                     1

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

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THERMAL UNIT	22	CSVL 1-4	4
UNIT FUELS		1	

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

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

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THERMAL UNIT	23	CSVL 5+6	5
UNIT FUELS		1	

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	23	CSVL 5+6	5
UNIT FUELS		1	

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

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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

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THERMAL UNIT	25	D C COOK	1
UNIT FUELS		1	

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

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

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THERMAL UNIT	26	D C COOK	2
UNIT FUELS		1	

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

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

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

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	26	D C COOK	2
UNIT FUELS			1

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THERMAL UNIT	27	GAVIN	1
UNIT FUELS			1

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

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

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THERMAL UNIT	28	GAVIN	2
UNIT FUELS			1

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	28	GAVIN	2
UNIT FUELS			1

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THERMAL UNIT	29	GLEN LYN	5
UNIT FUELS		1	

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

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

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THERMAL UNIT	30	GLEN LYN	6
UNIT FUELS		1	

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	30	GLEN LYN	6
UNIT FUELS		1	

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THERMAL UNIT	31	0
UNIT FUELS		1

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

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

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THERMAL UNIT	32	0
UNIT FUELS		1

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	33	KAMMER	1
UNIT FUELS			1

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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

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THERMAL UNIT	35	KAMMER	3
UNIT FUELS		1	

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	35	KAMMER	3
UNIT FUELS		1	

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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

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THERMAL UNIT	37	KANAWHA	2
UNIT FUELS		1	

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

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

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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

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

THERMAL UNIT	38	KYGER	1
UNIT FUELS		1	

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THERMAL UNIT	39	KYGER	2
UNIT FUELS			1

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	40	KYGER	3
UNIT FUELS			1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	42	KYGER	5
UNIT FUELS		1	

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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

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	45	MOUNT_ER	1
UNIT FUELS			1

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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

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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

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

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   THERMAL UNIT                      47     MUSK RVR     2
   UNIT FUELS                                      1

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   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

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   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
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THERMAL UNIT	50	MUSK RVR	5
UNIT FUELS		1	

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.05

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	50	MUSK RVR	5
UNIT FUELS		1	

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UNIT FUEL TYPE	FUEL ID	50

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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

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THERMAL UNIT		52	P SPORN 2
UNIT FUELS			1

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

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		52	P SPORN 2
UNIT FUELS			1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	54	P SPORN	4
UNIT FUELS			1

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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

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	57	RPRET_IM	1
UNIT FUELS			1

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THERMAL UNIT	58	RPRUN_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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		59	ROCKP_IM 2
UNIT FUELS			1

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THERMAL UNIT	60		0
UNIT FUELS		1	

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

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

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THERMAL UNIT	61	STUART	1
UNIT FUELS		1	

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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THERMAL UNIT	63	STUART	3
UNIT FUELS		1	

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 64 STUART 4
UNIT FUELS 1

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THERMAL UNIT 65 AMOS_AP 3
UNIT FUELS 1

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

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THERMAL UNIT	66	TANN 1-3	1
UNIT FUELS		1	

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		66 TANN 1-3	1
UNIT FUELS		1	
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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	
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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

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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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 69 TANN 4 4
UNIT FUELS 1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		71	ROBTMONE 1
UNIT FUELS			1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	76	CEREDO	2
UNIT FUELS			1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	78	CEREDO	4
UNIT FUELS		1	

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

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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

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	81	DARBY	1
UNIT FUELS		1	

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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

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THERMAL UNIT	83	DARBY	3
UNIT FUELS		1	

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.00

UNIT FUEL TYPE FUEL ID 72

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 83 DARBY 3
UNIT FUELS 1

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THERMAL UNIT 84 DARBY 4
UNIT FUELS 1

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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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

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THERMAL UNIT	88	LWBG WIN	2
UNIT FUELS			1

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

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

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

THERMAL UNIT	88	LWBG WIN	2
UNIT FUELS		1	

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THERMAL UNIT	89	LWBG SMR	1
UNIT FUELS		1	

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	90	LWBG SMR	2
UNIT FUELS		1	

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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

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	93	DRESDEN	1
UNIT FUELS			1

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THERMAL UNIT	94	DRESD2	1
UNIT FUELS		1	

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	95		0
UNIT FUELS		1	

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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

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THERMAL UNIT	97	CC_APC0	1
UNIT FUELS		1	

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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
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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 --------			
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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	100	Nuke_AP	1
UNIT FUELS		1	

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   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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	102	CC_I&M	1
UNIT FUELS			1

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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

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THERMAL UNIT		104	PC_UL_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

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THERMAL UNIT	105	NUKE_IM	1
UNIT FUELS			1

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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	105	NUKE_IM	1
UNIT FUELS			1

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THERMAL UNIT	106	CT_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

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THERMAL UNIT	107	CC_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

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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	107	CC_KPCO	1
UNIT FUELS			1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	112	CC_OH	1
UNIT FUELS		1	

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	114	PC_UL_OH	1
UNIT FUELS		1	

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

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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

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   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 --------

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

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

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	118	BS1_Gas	1
UNIT FUELS			1

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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

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	120	BS_BFCC	1
UNIT FUELS			1

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

-------- YEAR 2034 --------
UNIT FUEL AUXILIARY COSTS $/MBTU 0.86

-------- YEAR 2035 --------
UNIT FUEL AUXILIARY COSTS $/MBTU 0.93

-------- YEAR 2036 --------
UNIT FUEL AUXILIARY COSTS $/MBTU 0.99

-------- YEAR 2037 --------
UNIT FUEL AUXILIARY COSTS $/MBTU 1.07

-------- YEAR 2038 --------
UNIT FUEL AUXILIARY COSTS $/MBTU 1.15

-------- YEAR 2039 --------
UNIT FUEL AUXILIARY COSTS $/MBTU 1.24

-------- YEAR 2040 --------
UNIT FUEL AUXILIARY COSTS $/MBTU 1.34

THERMAL UNIT 122 BS_BF50 1
UNIT FUELS 1

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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 122 BS_BF50 1
UNIT FUELS 1

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

   THERMAL UNIT                    123                0
   UNIT FUELS                                         1

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

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   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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	129	CR1_NGCC	1
UNIT FUELS			1

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THERMAL UNIT	130	CR2_NGCC	2
UNIT FUELS			1

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

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

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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 --------

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	131	MR5_NGCC	5
UNIT FUELS		1	

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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 --------

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THERMAL UNIT	133	RP1D_IM	1
UNIT FUELS		1	

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.06
UNIT FUEL TYPE	FUEL ID	60

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	134	RP2D_IM	2
UNIT FUELS			1

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THERMAL UNIT	135	TAN4_FGD	4
UNIT FUELS		1	

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

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

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

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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
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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	138	0
UNIT FUELS		1
-------- YEAR 2013 --------		
-------- YEAR 2014 --------		
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-------- 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 --------

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	140	0
UNIT FUELS		1

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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 --------

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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 --------

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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 --------

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	145	0
UNIT FUELS		1

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

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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 --------

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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 --------

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	147	0
UNIT FUELS		1

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

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

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   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 --------

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   THERMAL UNIT                    150                 0
   UNIT FUELS                                        1

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

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

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	150	0
UNIT FUELS		1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	152	0
UNIT FUELS		1

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   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 --------

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   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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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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

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	167	0
UNIT FUELS		1

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THERMAL UNIT	180	0
UNIT FUELS		1

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

MINIMUM BURN PCT	%	100.00

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

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

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   THERMAL UNIT                  182                0
   UNIT FUELS                                       1

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	182	0
UNIT FUELS		1

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

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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

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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

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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.

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	185	RP1D_03	1
UNIT FUELS		1	

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-------- YEAR 2011 --------
UNIT FUEL TYPE                  FUEL ID            80

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

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   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 --------
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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.

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

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-------- 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.
```


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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	190	T4_TRONA	4
UNIT FUELS		1	
-------- YEAR 2020 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.20	
-------- YEAR 2021 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.20	
-------- YEAR 2022 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.21	
-------- YEAR 2023 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.22	
-------- YEAR 2024 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.22	
-------- YEAR 2025 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.23	
-------- YEAR 2026 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.23	
-------- YEAR 2027 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.24	
-------- YEAR 2028 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.25	
-------- YEAR 2029 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.26	
-------- YEAR 2030 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.26	
-------- YEAR 2031 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.27	
-------- YEAR 2032 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.28	
-------- YEAR 2033 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.29	
-------- YEAR 2034 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.29	
-------- YEAR 2035 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.30	
-------- YEAR 2036 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.31	
-------- YEAR 2037 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.32	
-------- YEAR 2038 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.33	
-------- YEAR 2039 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.34	
-------- YEAR 2040 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.35	
THERMAL UNIT	191	T4_TRCCR	4
UNIT FUELS		1	
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%	100.00	

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

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

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

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	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

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-------- 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

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	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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	197	0
UNIT FUELS		1

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THERMAL UNIT	198	0
UNIT FUELS		1

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

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

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

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THERMAL UNIT	199	0
UNIT FUELS		1

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

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

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	202	0
UNIT FUELS		1

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THERMAL UNIT	203	0
UNIT FUELS		1

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	204	0
UNIT FUELS		1

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THERMAL UNIT	205	0
UNIT FUELS		1

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

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

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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

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THERMAL UNIT		207	0
UNIT FUELS			1

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

MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		207	0
UNIT FUELS			1

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UNIT FUEL TYPE	FUEL ID	0

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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

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THERMAL UNIT	209	0
UNIT FUELS		1

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	209	0
UNIT FUELS		1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	211	0
UNIT FUELS		1

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

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   THERMAL UNIT                    212                0
   UNIT FUELS                                       1

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

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   THERMAL UNIT                    213                0
   UNIT FUELS                                       1

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

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	214	0
UNIT FUELS		1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	216	0
UNIT FUELS		1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	219	0
UNIT FUELS		1
-------- YEAR 2011 --------		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.00
UNIT FUEL TYPE	FUEL ID	0

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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

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THERMAL UNIT	221	0
UNIT FUELS		1

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

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

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

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	221	0

```
   UNIT FUELS                                    1

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

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   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 --------

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	223	0
UNIT FUELS		1

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

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

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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 --------

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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 --------

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	226	0
UNIT FUELS		1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	228		0
UNIT FUELS		1	

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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

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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

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

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

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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

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THERMAL UNIT	957	RP2D_KP	957
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

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	957	RP2D_KP	957
UNIT FUELS			1

-------- 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

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-------- 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                   958     RP2D_IM   958
   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 --------

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THERMAL UNIT		959	CSV6_SCR 959
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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		959	CSV6_SCR 959
UNIT FUELS			1

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

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THERMAL UNIT	960	CSV5_SCR	960
UNIT FUELS			1

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

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

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THERMAL UNIT	961	DUMMY_OP	961
UNIT FUELS			1

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

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

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

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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		961	DUMMY_OP 961
UNIT FUELS			1

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

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THERMAL UNIT		962	BS_BFCC 962
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 --------

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THERMAL UNIT		963	RP1D_KP 963
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		58
-------- YEAR 2012 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.07
-------- YEAR 2013 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.07
-------- YEAR 2014 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.27
-------- YEAR 2015 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.29
-------- YEAR 2016 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.67
-------- YEAR 2017 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.70
-------- YEAR 2018 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.74
-------- YEAR 2019 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.77
-------- YEAR 2020 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.78
-------- YEAR 2021 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.80
-------- YEAR 2022 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.80
-------- YEAR 2023 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.83
-------- YEAR 2024 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.84
-------- YEAR 2025 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.86
-------- YEAR 2026 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.88
-------- YEAR 2027 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.90
-------- YEAR 2028 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.92
-------- YEAR 2029 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.94
-------- YEAR 2030 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.96
-------- YEAR 2031 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.98
-------- YEAR 2032 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		1.00
-------- YEAR 2033 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		1.02
-------- YEAR 2034 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		1.05

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	963	RP1D_KP	963
UNIT FUELS			1
-------- 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	964	RP1D_03	964
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.06
UNIT FUEL TYPE	FUEL ID		80
-------- YEAR 2012 --------			
-------- YEAR 2013 --------			
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THERMAL UNIT		965	DUMMY_KP 965
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
-------- YEAR 2012 --------			
-------- YEAR 2013 --------			
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-------- YEAR 2040 --------			
THERMAL UNIT		966	CR2_NGCC 966
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.11
UNIT FUEL TYPE	FUEL ID		72

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		966	CR2_NGCC 966
UNIT FUELS			1
-------- YEAR 2012 --------			
-------- YEAR 2013 --------			
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THERMAL UNIT		967	CR1_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

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THERMAL UNIT	968	MR5_NGCC	968
UNIT FUELS			1

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	968	MR5_NGCC	968
UNIT FUELS			1

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THERMAL UNIT	969	RP2TR_KP	969
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	970	RP2TR_IM	970
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

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                     970     RP2TR_IM  970
   UNIT FUELS                                     1

-------- 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 --------
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```
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                   971     DUMMY_OP  971
   UNIT FUELS                                     1

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

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

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   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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	972	DUMMY_OP	972
UNIT FUELS			1

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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

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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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	974	DUMMY_OP	974
UNIT FUELS			1

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

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THERMAL UNIT	975	DUMMY_OP	975
UNIT FUELS			1

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

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

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THERMAL UNIT	976	DUMMY_OP	976
UNIT FUELS			1

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

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

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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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		977	DUMMY_OP 977
UNIT FUELS			1

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THERMAL UNIT	978	DUMMY_OP	978
UNIT FUELS			1

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

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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	979	DUMMY_OP	979
UNIT FUELS			1

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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

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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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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

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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

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

```
   THERMAL UNIT                    984     DUMMY_OP  984
   UNIT FUELS                                     1

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   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 --------

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THERMAL UNIT		986	DUMMY_OP 986
UNIT FUELS			1

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

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

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

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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		986	DUMMY_OP 986
UNIT FUELS			1

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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

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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 --------

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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 --------

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		989	DUMMY_OP 989
UNIT FUELS			1

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THERMAL UNIT		990	DUMMY_OP 990
UNIT FUELS			1

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

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

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

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THERMAL UNIT		991	DUMMY_OP 991
UNIT FUELS			1

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

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	991	DUMMY_OP	991
UNIT FUELS			1

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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 --------

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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 --------

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		994	DUMMY_OP 994
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
-------- YEAR 2012 --------			
-------- YEAR 2013 --------			
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-------- YEAR 2040 --------			
THERMAL UNIT		995	DUMMY_OP 995
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		0.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.00
UNIT FUEL TYPE	FUEL ID		0
-------- YEAR 2012 --------			
-------- YEAR 2013 --------			
-------- YEAR 2014 --------			
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THERMAL UNIT		996	ML_KP20 996
UNIT FUELS			1
-------- YEAR 2011 --------			
MINIMUM BURN PCT	%		100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.05
UNIT FUEL TYPE	FUEL ID		44
-------- YEAR 2012 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.27
-------- YEAR 2013 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.28
-------- YEAR 2014 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.30
-------- YEAR 2015 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.30
-------- YEAR 2016 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.31
-------- YEAR 2017 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.32
-------- YEAR 2018 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.33

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		996	ML_KP20 996
UNIT FUELS			1
-------- YEAR 2019 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.35
-------- YEAR 2020 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.36
-------- YEAR 2021 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.37
-------- YEAR 2022 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.38
-------- YEAR 2023 --------			
UNIT FUEL AUXILIARY COSTS	$/MBTU		0.40

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-------- YEAR 2024 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.41

-------- YEAR 2025 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.43

-------- YEAR 2026 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.44

-------- YEAR 2027 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.46

-------- YEAR 2028 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.48

-------- YEAR 2029 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.49

-------- YEAR 2030 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.51

-------- YEAR 2031 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.53

-------- YEAR 2032 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.55

-------- YEAR 2033 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.57

-------- YEAR 2034 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.59

-------- YEAR 2035 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.62

-------- YEAR 2036 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.64

-------- YEAR 2037 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.66

-------- YEAR 2038 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.69

-------- YEAR 2039 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.72

-------- YEAR 2040 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.74

   THERMAL UNIT                    997     ML_KP20   997
   UNIT FUELS                                    1

-------- YEAR 2011 --------
MINIMUM BURN PCT                  %           100.00
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.05
UNIT FUEL TYPE                  FUEL ID           43

-------- YEAR 2012 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.27

-------- YEAR 2013 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.28

-------- YEAR 2014 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.30

-------- YEAR 2015 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.30

-------- YEAR 2016 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.31

-------- YEAR 2017 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.32

-------- YEAR 2018 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.33

-------- YEAR 2019 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.35

-------- YEAR 2020 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.36

-------- YEAR 2021 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.37

-------- YEAR 2022 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.38

-------- YEAR 2023 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.40

-------- YEAR 2024 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.41
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-------- 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

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	997	ML_KP20 997
UNIT FUELS		1
-------- YEAR 2040 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.74
THERMAL UNIT	998	T4_TRONA 998
UNIT FUELS		1
-------- YEAR 2011 --------		
MINIMUM BURN PCT	%	100.00
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.15
UNIT FUEL TYPE	FUEL ID	69
-------- YEAR 2012 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.16
-------- YEAR 2013 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.16
-------- YEAR 2014 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.17
-------- YEAR 2015 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.17
-------- YEAR 2016 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.18
-------- YEAR 2017 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.18
-------- YEAR 2018 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.19
-------- YEAR 2019 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.19
-------- YEAR 2020 --------		
UNIT FUEL AUXILIARY COSTS	$/MBTU	0.20

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-------- YEAR 2021 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.20

-------- YEAR 2022 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.21

-------- YEAR 2023 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.22

-------- YEAR 2024 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.22

-------- YEAR 2025 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.23

-------- YEAR 2026 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.23

-------- YEAR 2027 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.24

-------- YEAR 2028 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.25

-------- YEAR 2029 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.26

-------- YEAR 2030 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.26

-------- YEAR 2031 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.27

-------- YEAR 2032 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.28

-------- YEAR 2033 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.29

-------- YEAR 2034 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.29

-------- YEAR 2035 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.30

-------- YEAR 2036 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.31

-------- YEAR 2037 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.32

-------- YEAR 2038 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.33

-------- YEAR 2039 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.34

-------- YEAR 2040 --------
UNIT FUEL AUXILIARY COSTS       $/MBTU          0.35

   THERMAL UNIT                   999     DUMMY_OP  999
   UNIT FUELS                                     1

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

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	999	DUMMY_OP	999
UNIT FUELS			1

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT	1 OPCO+CSP							
		1	2	3	4	5	6	7
		AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	0.00	0.00	1.00
-------- YEAR 2012 --------								
-------- YEAR 2013 --------								
-------- YEAR 2014 --------								
-------- YEAR 2015 --------								
-------- YEAR 2016 --------								
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-------- YEAR 2040 --------								

GENERATING COMPANIES / THERMAL UNIT	1 OPCO+CSP							
		8	9	10	11	12	13	14
		CARD 1+2 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
-------- YEAR 2012 --------								
-------- YEAR 2013 --------								
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GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		15	16	17	18	19	20	21
		CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
		6	1	2	3	1	2	3
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	1.00

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1 OPCO+CSP						
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

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GENERATING COMPANIES	1 OPCO+CSP							
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

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OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	0.00	0.00	1.00	1.00

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GENERATING COMPANIES	1 OPCO+CSP						
THERMAL UNIT	29	30	31	32	33	34	35

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		29	30	31	32	33	34	35
		GLEN LYN 5	GLEN LYN 6	0	0	KAMMER 1	KAMMER 2	KAMMER 3
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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		36	37	38	39	40	41	42
		KANAWHA 1	KANAWHA 2	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES		1 OPCO+CSP						
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	1.00	1.00	0.00	1.00	1.00	1.00	1.00

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP 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

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GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		57	58	59	60	61	62	63
		RPRET_IM	RPRUN_IM	ROCKP_IM		STUART	STUART	STUART
		1	1	2	0	1	2	3
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		64	65	66	67	68	69	70
		STUART	AMOS_AP	TANN 1-3	TANN 1-3	TANN 1-3	TANN 4	ZIMMER
		4	3	1	2	3	4	1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	1.00
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT		1 OPCO+CSP	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1
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GENERATING COMPANIES / THERMAL UNIT		1 OPCO+CSP	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		1.00	1.00	1.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		79	80	81	82	83	84	85
		CEREDO 5	CEREDO 6	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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GENERATING COMPANIES		1 OPCO+CSP							
THERMAL UNIT			86	87	88	89	90	91	92
			DARBY	LWBG WIN	LWBG WIN	LWBG SMR	LWBG SMR	WATR CC	WATR2
			6	1	2	1	2	1	1
-------- YEAR 2011 --------									
OWNERSHIP RATIO		RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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GENERATING COMPANIES		1 OPCO+CSP							
THERMAL UNIT			93	94	95	96	97	98	99
			DRESDEN	DRESD2		CT_APCO	CC_APCO	IGCC AP	PC_UL_AP
			1	1	0	1	1	1	1
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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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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		100	101	102	103	104	105	106
		Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCO
		1	1	1	1	1	1	1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		100	101	102	103	104	105	106
		Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCO
		1	1	1	1	1	1	1

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GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		107	108	109	110	111	112	113
		CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP	CT_OHIO	CC_OH	IGCC OH
		1	1	1	1	1	1	1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	1.00

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GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		114	115	116	117	118	119	120
		PC_UL_OH	NUKE OH	CC_FA_KP		BS1_Gas	BS_RPWR	BS_BFCC
		1	1	1	0	1	1	1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT		1 OPCO+CSP						
		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

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GENERATING COMPANIES / THERMAL UNIT		1 OPCO+CSP						
		121	122	124	126	127	129	130
		BS2 FGD	BS_BF50		CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC
		23	1	0	5	6	1	2
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00

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GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		131	132	133	134	135	136	137
		MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP
		5	5	1	2	4	1	2
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		144	145	153	154	155	156	157
		TC4_ESP		MTN_18%				
		4	0	1	0	0	0	0
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	1.00	0.00	1.00	1.00	1.00	1.00

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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		158	159	160	161	162	166	168
		0	0	0	0	0	0	0
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	0.00	1.00

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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		169	170	171	172	173	174	175
		0	0	0	0	0	0	0

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OWNERSHIP RATIO	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.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
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GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	0.00	1.00	1.00
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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		184	185	186	187	188	189	190
			RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA
		0	1	1	2	1	2	4

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OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		184	185	186	187	188	189	190
			RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA
		0	1	1	2	1	2	4

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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		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

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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		501	502	503	957	958	959	960
		DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
		0	0	0	957	958	959	960
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		961	962	963	964	965	966	967
		DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC
		961	962	963	964	965	966	967
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		961	962	963	964	965	966	967
		DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC
		961	962	963	964	965	966	967

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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		968	969	970	971	972	973	974
		MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		968	969	970	971	972	973	974
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	1.00	1.00	1.00	1.00

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GENERATING COMPANIES	1 OPCO+CSP							
THERMAL UNIT		975	976	977	978	979	980	981
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		975	976	977	978	979	980	981
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT		1 OPCO+CSP	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981
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GENERATING COMPANIES / THERMAL UNIT		1 OPCO+CSP	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988
-------- YEAR 2011 --------									
OWNERSHIP RATIO	RATIO		1.00	1.00	1.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP 989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995
-------- YEAR 2011 --------								
OWNERSHIP RATIO	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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		1 OPCO+CSP						
THERMAL UNIT		989	990	991	992	993	994	995
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		989	990	991	992	993	994	995
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GENERATING COMPANIES		1 OPCO+CSP			
THERMAL UNIT		996	997	998	999
		ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
		996	997	998	999
-------- YEAR 2011 --------					
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00
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GENERATING COMPANIES		2 I&M						
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 --------								
OWNERSHIP RATIO	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	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 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1	11 CLIFTY 2	12 CLIFTY 3	13 CLIFTY 4	14 CLIFTY 5

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GENERATING COMPANIES THERMAL UNIT	2 I&M	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES	2 I&M	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
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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	2 I&M	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
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GENERATING COMPANIES	2 I&M	29	30	31	32	33	34	35
THERMAL UNIT		GLEN LYN	GLEN LYN			KAMMER	KAMMER	KAMMER
		5	6	0	0	1	2	3
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES	2 I&M							
THERMAL UNIT		36 KANAWHA 1	37 KANAWHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT	2 I&M	43 MITCHELL 1	44 MITCHELL 2	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES THERMAL UNIT	2 I&M	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

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GENERATING COMPANIES THERMAL UNIT	2 I&M	57 RPRET_IM 1	58 RPRUN_IM 1	59 ROCKP_IM 2	60 0	61 STUART 1	62 STUART 2	63 STUART 3
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	57 RPRET_IM 1	58 RPRUN_IM 1	59 ROCKP_IM 2	60 0	61 STUART 1	62 STUART 2	63 STUART 3
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GENERATING COMPANIES THERMAL UNIT	2 I&M	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	0.00
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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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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GENERATING COMPANIES THERMAL UNIT	2 I&M	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

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GENERATING COMPANIES THERMAL UNIT	2 I&M	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1
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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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GENERATING COMPANIES THERMAL UNIT	2 I&M	93 DRESDEN 1	94 DRESD2 1	95 0	96 CT_APCO 1	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	93 DRESDEN 1	94 DRESD2 1	95 0	96 CT_APCO 1	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1

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GENERATING COMPANIES	2 I&M							
THERMAL UNIT		100	101	102	103	104	105	106
		Nuke_AP	CT_I&M	CC_I&M	IGCC IM	PC_UL_IM	NUKE_IM	CT_KPCO
		1	1	1	1	1	1	1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	1.00	1.00	0.00

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GENERATING COMPANIES	2 I&M							
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
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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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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	2 I&M	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1
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GENERATING COMPANIES THERMAL UNIT	2 I&M	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	117 0	118 BS1_Gas 1	119 BS_RPWR 1	120 BS_BFCC 1
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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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GENERATING COMPANIES	2 I&M							
THERMAL UNIT		121	122	124	126	127	129	130
		BS2 FGD	BS_BF50		CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC
		23	1	0	5	6	1	2
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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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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	2 I&M	121 BS2 FGD 23	122 BS_BF50 1	124 0	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_NGCC 1	130 CR2_NGCC 2
-------- YEAR 2038 --------								
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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
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	0.00	0.00
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GENERATING COMPANIES / THERMAL UNIT	2 I&M	144	145	153	154	155	156	157

		TC4_ESP		MTN_18%				
		4	0	1	0	0	0	0
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES	2 I&M							
THERMAL UNIT		158	159	160	161	162	166	168
		0	0	0	0	0	0	0
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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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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	2 I&M							
THERMAL UNIT		158	159	160	161	162	166	168
		0	0	0	0	0	0	0

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GENERATING COMPANIES	2 I&M							
THERMAL UNIT		169	170	171	172	173	174	175
		0	0	0	0	0	0	0

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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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GENERATING COMPANIES THERMAL UNIT	2 I&M	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 RP2D_KP 957	958 RP2D_IM 958	959 CSV6_SCR 959	960 CSV5_SCR 960
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	1.00	0.00	0.00

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GENERATING COMPANIES THERMAL UNIT	2 I&M	961 DUMMY_0P 961	962 BS_BFCC 962	963 RP1D_KP 963	964 RP1D_03 964	965 DUMMY_KP 965	966 CR2_NGCC 966	967 CR1_NGCC 967
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	1.00	0.00	0.00	0.00

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GENERATING COMPANIES THERMAL UNIT	2 I&M	968 MR5_NGCC 968	969 RP2TR_KP 969	970 RP2TR_IM 970	971 DUMMY_0P 971	972 DUMMY_0P 972	973 DUMMY_0P 973	974 DUMMY_0P 974
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OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT	2 I&M	968 MR5_NGCC 968	969 RP2TR_KP 969	970 RP2TR_IM 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 973	974 DUMMY_OP 974
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GENERATING COMPANIES / THERMAL UNIT	2 I&M	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES THERMAL UNIT	2 I&M	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988
-------- YEAR 2011 --------								
OWNERSHIP RATIO	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.

GENERATING COMPANIES THERMAL UNIT	2 I&M	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987	988 DUMMY_OP 988
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GENERATING COMPANIES THERMAL UNIT	2 I&M	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995
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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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GENERATING COMPANIES THERMAL UNIT	2 I&M	996 ML_KP20 996	997 ML_KP20 997	998 T4_TRONA 998	999 DUMMY_OP 999
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OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00
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GENERATING COMPANIES	3 APCO							
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 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	3 APCO							
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

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GENERATING COMPANIES THERMAL UNIT	3 APCO	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 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES / THERMAL UNIT		3 APCO	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
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OWNERSHIP RATIO	RATIO		0.00	1.00	1.00	1.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT		3 APCO	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3

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GENERATING COMPANIES / THERMAL UNIT		3 APCO	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
-------- YEAR 2011 --------									
OWNERSHIP RATIO	RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES		3 APCO						
THERMAL UNIT		29	30	31	32	33	34	35
		GLEN LYN 5	GLEN LYN 6	0	0	KAMMER 1	KAMMER 2	KAMMER 3
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OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT	3 APCO	29 GLEN LYN 5	30 GLEN LYN 6	31	32	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3

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GENERATING COMPANIES / THERMAL UNIT	3 APCO	36 KANAWHA 1	37 KANAWHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5

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OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES THERMAL UNIT	3 APCO	43 MITCHELL 1	44 MITCHELL 2	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES THERMAL UNIT	3 APCO	50 MUSK RVR 5	51 P SPORN 1	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5
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OWNERSHIP RATIO	RATIO	0.00	1.00	0.00	1.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3 APCO	50 MUSK RVR 5	51 P SPORN 1	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5
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GENERATING COMPANIES THERMAL UNIT	3 APCO	57 RPRET_IM 1	58 RPRUN_IM 1	59 ROCKP_IM 2	60 0	61 STUART 1	62 STUART 2	63 STUART 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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GENERATING COMPANIES	3 APCO							
THERMAL UNIT		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
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OWNERSHIP RATIO	RATIO	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	3 APCO							
THERMAL UNIT		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

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GENERATING COMPANIES THERMAL UNIT		3 APCO 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	1.00	1.00	1.00	1.00

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GENERATING COMPANIES THERMAL UNIT		3 APCO 79 CEREDO 5	80 CEREDO 6	81 DARBY 1	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5
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OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT	3 APCO	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1
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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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GENERATING COMPANIES THERMAL UNIT	3 APCO	93 DRESDEN 1	94 DRESD2 1	95 0	96 CT_APCO 1	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1

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OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	1.00	1.00	1.00	1.00

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GENERATING COMPANIES THERMAL UNIT	3 APCO	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1

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OWNERSHIP RATIO	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT	3 APCO	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1
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GENERATING COMPANIES / THERMAL UNIT	3 APCO	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1
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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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GENERATING COMPANIES	3 APCO							
THERMAL UNIT		114	115	116	117	118	119	120
		PC_UL_OH	NUKE OH	CC_FA_KP		BS1_Gas	BS_RPWR	BS_BFCC
		1	1	1	0	1	1	1

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

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GENERATING COMPANIES / THERMAL UNIT	3 APCO	121 BS2 FGD	122 BS_BF50	124	126 CSV5_SCR	127 CSV6_SCR	129 CR1_NGCC	130 CR2_NGCC
		23	1	0	5	6	1	2

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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00

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GENERATING COMPANIES 3 APCO

THERMAL UNIT		131 MR5_NGCC 5	132 MR5_FGD 5	133 RP1D_IM 1	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2
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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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GENERATING COMPANIES THERMAL UNIT	3 APCO	144 TC4_ESP 4	145 0	153 MTN_18% 1	154 0	155 0	156 0	157 0
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00
-------- YEAR 2012 --------								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3 APCO	144 TC4_ESP 4	145 0	153 MTN_18% 1	154 0	155 0	156 0	157 0
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GENERATING COMPANIES	3 APCO							
THERMAL UNIT		158	159	160	161	162	166	168
		0	0	0	0	0	0	0

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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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GENERATING COMPANIES THERMAL UNIT	3 APCO	169	170	171	172	173	174	175
		0	0	0	0	0	0	0

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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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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	3 APCO	169	170	171	172	173	174	175
		0	0	0	0	0	0	0

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GENERATING COMPANIES THERMAL UNIT	3 APC0	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
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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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GENERATING COMPANIES THERMAL UNIT	3 APC0	184	185 RP1D_03	186 RP1TR_IM	187 RP2TR_IM	188 RP1TR_KP	189 RP2TR_KP	190 T4_TR0NA
		0	1	1	2	1	2	4
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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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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	3 APCO							
THERMAL UNIT		184	185	186	187	188	189	190
			RP1D_03	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TR0NA
		0	1	1	2	1	2	4

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GENERATING COMPANIES	3 APCO							
THERMAL UNIT		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

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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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GENERATING COMPANIES THERMAL UNIT		3 APCO	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 RP2D_KP 957	958 RP2D_IM 958	959 CSV6_SCR 959	960 CSV5_SCR 960
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OWNERSHIP RATIO	RATIO		0.00	1.00	0.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES THERMAL UNIT		3 APCO	961 DUMMY_OP 961	962 BS_BFCC 962	963 RP1D_KP 963	964 RP1D_03 964	965 DUMMY_KP 965	966 CR2_NGCC 966	967 CR1_NGCC 967
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OWNERSHIP RATIO	RATIO		0.00	0.00	0.00	0.00	0.00	1.00	1.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT	3 APCO	961 DUMMY_OP 961	962 BS_BFCC 962	963 RP1D_KP 963	964 RP1D_03 964	965 DUMMY_KP 965	966 CR2_NGCC 966	967 CR1_NGCC 967
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GENERATING COMPANIES / THERMAL UNIT	3 APCO	968 MR5_NGCC 968	969 RP2TR_KP 969	970 RP2TR_IM 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 973	974 DUMMY_OP 974
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES	3 APCO							
THERMAL UNIT		975	976	977	978	979	980	981
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		975	976	977	978	979	980	981

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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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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	3 APCO							
THERMAL UNIT		975	976	977	978	979	980	981
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP

		975	976	977	978	979	980	981
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GENERATING COMPANIES	3 APCO							
THERMAL UNIT		982	983	984	985	986	987	988
		DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987	DUMMY_OP 988
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES	3 APCO							
THERMAL UNIT		989	990	991	992	993	994	995
		DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995
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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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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	3 APCO				
THERMAL UNIT		996	997	998	999
		ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
		996	997	998	999
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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00

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GENERATING COMPANIES	4 KPCO							
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
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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00

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GENERATING COMPANIES THERMAL UNIT	4 KPCO	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 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	8 CARD 1+2 2	9 CARD 3 3	10 CLIFTY 1	11 CLIFTY 2	12 CLIFTY 3	13 CLIFTY 4	14 CLIFTY 5
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GENERATING COMPANIES THERMAL UNIT	4 KPCO	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00

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GENERATING COMPANIES THERMAL UNIT	4 KPCO	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	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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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
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		36 KANAWHA 1	37 KANAWHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5
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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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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		43 MITCHELL 1	44 MITCHELL 2	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	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.

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
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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
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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		57	58	59	60	61	62	63
		RPRET_IM	RPRUN_IM	ROCKP_IM		STUART	STUART	STUART
		1	1	2	0	1	2	3
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		57	58	59	60	61	62	63
		RPRET_IM	RPRUN_IM	ROCKP_IM		STUART	STUART	STUART
		1	1	2	0	1	2	3

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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		64	65	66	67	68	69	70
		STUART	AMOS_AP	TANN 1-3	TANN 1-3	TANN 1-3	TANN 4	ZIMMER
		4	3	1	2	3	4	1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		71	72	73	75	76	77	78
		ROBTMONE	ROBTMONE	ROBTMONE	CEREDO	CEREDO	CEREDO	CEREDO
		1	2	3	1	2	3	4
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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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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	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4
-------- YEAR 2038 --------								
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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
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GENERATING COMPANIES THERMAL UNIT	4 KPCO	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1

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

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		93	94	95	96	97	98	99
		DRESDEN	DRESD2		CT_APCO	CC_APCO	IGCC AP	PC_UL_AP
		1	1	0	1	1	1	1
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OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		93	94	95	96	97	98	99
		DRESDEN	DRESD2		CT_APCO	CC_APCO	IGCC AP	PC_UL_AP
		1	1	0	1	1	1	1

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

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GENERATING COMPANIES	4 KPCO							
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
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OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	1.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KPCO	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1
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GENERATING COMPANIES THERMAL UNIT	4 KPCO	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	117 0	118 BS1_Gas 1	119 BS_RPWR 1	120 BS_BFCC 1
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	1.00	1.00	1.00
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GENERATING COMPANIES / THERMAL UNIT		4 KPCO						
		121	122	124	126	127	129	130
		BS2 FGD	BS_BF50		CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC
		23	1	0	5	6	1	2
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES / THERMAL UNIT		4 KPCO						
		131	132	133	134	135	136	137
		MR5_NGCC	MR5_FGD	RP1D_IM	RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP
		5	5	1	2	4	1	2
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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00

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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		144	145	153	154	155	156	157
		TC4_ESP		MTN_18%				
		4	0	1	0	0	0	0

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

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OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	1.00	0.00

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

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

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GENERATING COMPANIES THERMAL UNIT	4 KPCO	169	170	171	172	173	174	175
		0	0	0	0	0	0	0
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OWNERSHIP RATIO	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	176	177	178	179	181	182	183
		0	0	0	0	0	0	0
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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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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	176	177	178	179	181	182	183
		0	0	0	0	0	0	0

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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_TR0NA 4
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	1.00	1.00	0.00

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GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		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
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OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	1.00	0.00	0.00

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GENERATING COMPANIES THERMAL UNIT		4 KPCO						
		501	502	503	957	958	959	960
		DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
		0	0	0	957	958	959	960
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	1.00	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	4 KPCO	501	502	503	957	958	959	960
		DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
		0	0	0	957	958	959	960
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GENERATING COMPANIES / THERMAL UNIT	4 KPCO	961	962	963	964	965	966	967
		DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC	CR1_NGCC
		961	962	963	964	965	966	967
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	0.00	1.00	0.00	0.00
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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		968	969	970	971	972	973	974
		MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		968	969	970	971	972	973	974
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		968	969	970	971	972	973	974
		MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		968	969	970	971	972	973	974

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

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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		975	976	977	978	979	980	981
		DUMMY_OP 975	DUMMY_OP 976	DUMMY_OP 977	DUMMY_OP 978	DUMMY_OP 979	DUMMY_OP 980	DUMMY_OP 981

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

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		982	983	984	985	986	987	988
		DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987	DUMMY_OP 988

-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------- YEAR 2012 --------								
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		982	983	984	985	986	987	988
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		982	983	984	985	986	987	988
-------- YEAR 2038 --------								
-------- YEAR 2039 --------								
-------- YEAR 2040 --------								
GENERATING COMPANIES	4 KPCO							
THERMAL UNIT		989	990	991	992	993	994	995
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		989	990	991	992	993	994	995
-------- YEAR 2011 --------								
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-------- YEAR 2012 --------								
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GENERATING COMPANIES THERMAL UNIT		4 KPCO 996 ML_KP20 996	997 ML_KP20 997	998 T4_TRONA 998	999 DUMMY_OP 999
-------- YEAR 2011 --------					
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ============

THERMAL UNIT	1 AMOS 1	2 AMOS 2	3 AMOS_OP 3	4 BECKJORD 6	5 BIG SAND 1	6 BIG SAND 2	7 CARD 1+2 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 1 JANUARY ============

THERMAL UNIT	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 1 JANUARY ============

THERMAL UNIT	15	16	17	18	19	20	21
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
	6	1	2	3	1	2	3
-------- YEAR 2011 --------							
SEASONAL HEAT RATE 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ============

THERMAL UNIT	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
-------- YEAR 2023 --------							
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========== SEASON 1 JANUARY ============

THERMAL UNIT	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	28
-------- YEAR 2012 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2013 --------							
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========== SEASON 1 JANUARY ==========							
THERMAL UNIT	29	30	33	34	35	36	37
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ==========							
THERMAL UNIT	29	30	33	34	35	36	37

	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-------- YEAR 2035 --------							
-------- YEAR 2036 --------							
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-------- YEAR 2040 --------							

========== SEASON 1 JANUARY ============

THERMAL UNIT	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 1 JANUARY ============

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

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========== SEASON 1 JANUARY ==========

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

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

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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.

========== SEASON 1 JANUARY ==========

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

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

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========== SEASON 1 JANUARY ============

THERMAL UNIT	59 ROCKP_IM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 1 JANUARY ==========							
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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ==========							
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

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========== SEASON 1 JANUARY ==========							
THERMAL UNIT	75	76	77	78	79	80	81
	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
	1	2	3	4	5	6	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 1 JANUARY ============

THERMAL UNIT	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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

========== SEASON 1 JANUARY ==========							
THERMAL UNIT	89	90	91	92	93	94	96
	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APCO
	1	2	1	1	1	1	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 1 JANUARY ============

THERMAL UNIT	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 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ==========							
THERMAL UNIT	104	105	106	107	108	109	110
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP
	1	1	1	1	1	1	1
-------- YEAR 2016 --------							
-------- YEAR 2017 --------							
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========== SEASON 1 JANUARY ==========							
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 --------							
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========== SEASON 1 JANUARY ==========							
THERMAL UNIT	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1

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

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ==========							
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

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========== SEASON 1 JANUARY ============

THERMAL UNIT	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 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 1 JANUARY ============

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 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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== 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

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========== SEASON 1 JANUARY ============

THERMAL UNIT	189	190	191	193	194	195	196
	RP2TR_KP	T4_TRONA	T4_TRCCR	ML_KP20	ML_KP20	ML_KP50	ML_KP50
	2	4	4	1	2	1	2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 1 JANUARY ===========

THERMAL UNIT	500	501	502	503	957	958	959
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR
	0	0	0	0	957	958	959
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 1 JANUARY ============

THERMAL UNIT	960	961	962	963	964	965	966
	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC
	960	961	962	963	964	965	966
-------- YEAR 2011 --------							
SEASONAL HEAT RATE 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ============

THERMAL UNIT	960	961	962	963	964	965	966
	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC
	960	961	962	963	964	965	966
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========== SEASON 1 JANUARY ============

THERMAL UNIT	967	968	969	970	971	972	973
	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
	967	968	969	970	971	972	973
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 1 JANUARY ============

THERMAL UNIT	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ============

THERMAL UNIT	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980
-------- YEAR 2030 --------							
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========== SEASON 1 JANUARY ============

THERMAL UNIT	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 1 JANUARY ============

THERMAL UNIT	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 1 JANUARY ============

THERMAL UNIT	995 DUMMY_OP 995	996 ML_KP20 996	997 ML_KP20 997	998 T4_TRONA 998	999 DUMMY_OP 999
-------- YEAR 2011 --------					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0

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

THERMAL UNIT	1 AMOS 1	2 AMOS 2	3 AMOS_OP 3	4 BECKJORD 6	5 BIG SAND 1	6 BIG SAND 2	7 CARD 1+2 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFTY	CLIFTY	CLIFTY	CLIFTY	CLIFTY
	2	3	1	2	3	4	5
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

THERMAL UNIT	15	16	17	18	19	20	21
	CLIFTY	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
	6	1	2	3	1	2	3
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

THERMAL UNIT	22	23	24	25	26	27	28
	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
	4	5	6	1	2	1	2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	28
-------- YEAR 2012 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
========== SEASON 2 FEBRUARY ==========							
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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
========== SEASON 2 FEBRUARY ==========							
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 2 FEBRUARY ============

THERMAL UNIT	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

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.

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

THERMAL UNIT	45 MOUNT_ER 1	46 MUSK RVR 1	47 MUSK RVR 2	48 MUSK RVR 3	49 MUSK RVR 4	50 MUSK RVR 5	51 P SPORN 1
-------- YEAR 2014 --------							
SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0
-------- YEAR 2015 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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========== SEASON 2 FEBRUARY ==========

THERMAL UNIT	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

THERMAL UNIT	67	68	69	70	71	72	73
	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 3
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	164	164	164

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

THERMAL UNIT	75	76	77	78	79	80	81

	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	75	76	77	78	79	80	81
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
-------- YEAR 2037 --------							
-------- YEAR 2038 --------							
-------- YEAR 2039 --------							
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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	82	83	84	85	86	87	88
	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LWBG WIN 1	LWBG WIN 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
-------- YEAR 2013 --------							
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========== SEASON 2 FEBRUARY ============

THERMAL UNIT	89 LWBG SMR 1	90 LWBG SMR 2	91 WATR CC 1	92 WATR2 1	93 DRESDEN 1	94 DRESD2 1	96 CT_APCO 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	97	98	99	100	101	102	103
	CC_APCO	IGCC AP	PC_UL_AP	Nuke_AP	CT_I&M	CC_I&M	IGCC IM
	1	1	1	1	1	1	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== 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

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

THERMAL UNIT	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 2 FEBRUARY ============

THERMAL UNIT	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

THERMAL UNIT	111 CT_OHIO 1	112 CC_OH 1	113 IGCC OH 1	114 PC_UL_OH 1	115 NUKE OH 1	116 CC_FA_KP 1	118 BS1_Gas 1
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========== SEASON 2 FEBRUARY ============

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 CR1_NGCC 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 2 FEBRUARY ============

THERMAL UNIT	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 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

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

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 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
-------- YEAR 2013 --------							
-------- YEAR 2014 --------							
SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0
-------- YEAR 2015 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2016 --------							
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========== SEASON 2 FEBRUARY ==========

THERMAL UNIT	189 RP2TR_KP 2	190 T4_TR0NA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	500	501	502	503	957	958	959
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR
	0	0	0	0	957	958	959
-------- YEAR 2011 --------							
SEASONAL HEAT RATE 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	500	501	502	503	957	958	959
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR
	0	0	0	0	957	958	959

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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	960	961	962	963	964	965	966
	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC
	960	961	962	963	964	965	966
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	967	968	969	970	971	972	973
	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
	967	968	969	970	971	972	973

-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	967	968	969	970	971	972	973
	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
	967	968	969	970	971	972	973
-------- YEAR 2030 --------							
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========== SEASON 2 FEBRUARY ==========							
THERMAL UNIT	974	975	976	977	978	979	980
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	974	975	976	977	978	979	980
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 2 FEBRUARY ============

THERMAL UNIT	981	982	983	984	985	986	987
	DUMMY_OP 981	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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THERMAL UNIT	995 DUMMY_OP 995	996 ML_KP20 996	997 ML_KP20 997	998 T4_TRONA 998	999 DUMMY_OP 999

-------- YEAR 2011 --------					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0
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========== SEASON 3 MARCH ==========

THERMAL UNIT	1 AMOS 1	2 AMOS 2	3 AMOS_OP 3	4 BECKJORD 6	5 BIG SAND 1	6 BIG SAND 2	7 CARD 1+2 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE 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.

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========							
THERMAL UNIT	1	2	3	4	5	6	7
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1
-------- YEAR 2023 --------							
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========== SEASON 3 MARCH ==========							
THERMAL UNIT	8	9	10	11	12	13	14
	CARD 1+2 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3	CLIFTY 4	CLIFTY 5
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 3 MARCH ==========

THERMAL UNIT	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========

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

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========== SEASON 3 MARCH ==========

THERMAL UNIT	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	28
-------- YEAR 2012 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2013 --------							
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========== SEASON 3 MARCH ==========

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 --------							
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========== SEASON 3 MARCH ==========							
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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========							
THERMAL UNIT	38	39	40	41	42	43	44
	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
	1	2	3	4	5	1	2

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========== SEASON 3 MARCH ==========

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

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========== SEASON 3 MARCH ==========

THERMAL UNIT	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PICWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========

THERMAL UNIT	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM
	2	3	4	5	5	1	1
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========== SEASON 3 MARCH ==========

THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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========== SEASON 3 MARCH ==========

THERMAL UNIT	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	164	164	164

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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 3 MARCH ==========

THERMAL UNIT	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3
-------- YEAR 2037 --------							
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========== SEASON 3 MARCH ==========

THERMAL UNIT	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 --------							
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========== SEASON 3 MARCH ==========

THERMAL UNIT	82 DARBY 2	83 DARBY 3	84 DARBY 4	85 DARBY 5	86 DARBY 6	87 LWBG WIN 1	88 LWBG WIN 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 3 MARCH ==========							
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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========							
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

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========== 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

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========== 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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== 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

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========== SEASON 3 MARCH ==========							
THERMAL UNIT	111	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
	1	1	1	1	1	1	1

-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 3 MARCH ==========

THERMAL UNIT	119	120	121	122	126	127	129
	BS_RPWR	BS_BFCC	BS2 FGD	BS_BF50	CSV5_SCR	CSV6_SCR	CR1_NGCC
	1	1	23	1	5	6	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE 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.

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

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========== 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

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========== SEASON 3 MARCH ==========

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 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0
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SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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========== SEASON 3 MARCH ==========

THERMAL UNIT	189 RP2TR_KP 2	190 T4_TR0NA 4	191 T4_TRCCR 4	193 ML_KP20 1	194 ML_KP20 2	195 ML_KP50 1	196 ML_KP50 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========

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 2018 --------							
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-------- YEAR 2039 --------							
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========== SEASON 3 MARCH ==========

THERMAL UNIT	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	957 RP2D_KP 957	958 RP2D_IM 958	959 CSV6_SCR 959
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 3 MARCH ==========

THERMAL UNIT	960	961	962	963	964	965	966
	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC
	960	961	962	963	964	965	966

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

SEASONAL HEAT RATE 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========

THERMAL UNIT	960	961	962	963	964	965	966
	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC
	960	961	962	963	964	965	966

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========== SEASON 3 MARCH ============

THERMAL UNIT	967	968	969	970	971	972	973
	CR1_NGCC	MR5_NGCC	RP2TR_KP	RP2TR_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP
	967	968	969	970	971	972	973
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 3 MARCH ============

THERMAL UNIT	974	975	976	977	978	979	980
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	974	975	976	977	978	979	980
-------- YEAR 2011 --------							
SEASONAL HEAT RATE 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.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========

THERMAL UNIT	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 3 MARCH ============

THERMAL UNIT	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 3 MARCH ==========

THERMAL UNIT	995	996	997	998	999
	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	995	996	997	998	999
-------- YEAR 2011 --------					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 3 MARCH ==========

THERMAL UNIT	995	996	997	998	999
	DUMMY_OP	ML_KP20	ML_KP20	T4_TRONA	DUMMY_OP
	995	996	997	998	999

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

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========== SEASON 4 APRIL ==========

THERMAL UNIT	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 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 4 APRIL ==========

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

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

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========== SEASON 4 APRIL ============

THERMAL UNIT	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	28
-------- YEAR 2012 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 4 APRIL ============

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 --------							

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

========== SEASON 4 APRIL ==========

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
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========== SEASON 4 APRIL ==========

THERMAL UNIT	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 4 APRIL ==========						
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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 4 APRIL ==========						
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

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========== SEASON 4 APRIL ==========							
THERMAL UNIT	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRET_IM	RPRUN_IM
	2	3	4	5	5	1	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 4 APRIL ==========							
THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

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========== SEASON 4 APRIL ==========							
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	162	162	162

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========== SEASON 4 APRIL ==========

THERMAL UNIT	75	76	77	78	79	80	81
	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 4 APRIL ==========							
THERMAL UNIT	82	83	84	85	86	87	88
	DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN
	2	3	4	5	6	1	2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
-------- YEAR 2013 --------							
-------- YEAR 2014 --------							
-------- YEAR 2015 --------							

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.

========== SEASON 4 APRIL ==========							
THERMAL UNIT	82	83	84	85	86	87	88
	DARBY	DARBY	DARBY	DARBY	DARBY	LWBG WIN	LWBG WIN
	2	3	4	5	6	1	2
-------- YEAR 2016 --------							
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========== SEASON 4 APRIL ==========							
THERMAL UNIT	89	90	91	92	93	94	96
	LWBG SMR	LWBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	CT_APCO
	1	2	1	1	1	1	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 4 APRIL ==========

THERMAL UNIT	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 4 APRIL ========== THERMAL UNIT	97 CC_APCO 1	98 IGCC AP 1	99 PC_UL_AP 1	100 Nuke_AP 1	101 CT_I&M 1	102 CC_I&M 1	103 IGCC IM 1
-------- YEAR 2028 --------							
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========== SEASON 4 APRIL ========== THERMAL UNIT	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== 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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== 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

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========== 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

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

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 4 APRIL ==========

THERMAL UNIT	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 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== 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 --------							
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-------- 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 --------							

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.

========== 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

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========== 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

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========== SEASON 4 APRIL ==========							
THERMAL UNIT	500	501	502	503	957	958	959
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR
	0	0	0	0	957	958	959
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 4 APRIL ==========							
THERMAL UNIT	500	501	502	503	957	958	959
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	RP2D_KP	RP2D_IM	CSV6_SCR
	0	0	0	0	957	958	959

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========== SEASON 4 APRIL ==========							
THERMAL UNIT	960	961	962	963	964	965	966
	CSV5_SCR	DUMMY_OP	BS_BFCC	RP1D_KP	RP1D_03	DUMMY_KP	CR2_NGCC
	960	961	962	963	964	965	966
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 4 APRIL ==========

THERMAL UNIT	967 CR1_NGCC 967	968 MR5_NGCC 968	969 RP2TR_KP 969	970 RP2TR_IM 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 973
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 4 APRIL ==========

THERMAL UNIT	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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========== SEASON 4 APRIL ==========

THERMAL UNIT	981 DUMMY_OP 981	982 DUMMY_OP 982	983 DUMMY_OP 983	984 DUMMY_OP 984	985 DUMMY_OP 985	986 DUMMY_OP 986	987 DUMMY_OP 987
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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========== SEASON 4 APRIL ==========							
THERMAL UNIT	988	989	990	991	992	993	994
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	988	989	990	991	992	993	994
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 4 APRIL ==========							
THERMAL UNIT	988	989	990	991	992	993	994
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	988	989	990	991	992	993	994

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========== SEASON 4 APRIL ==========

THERMAL UNIT	995 DUMMY_OP 995	996 ML_KP20 996	997 ML_KP20 997	998 T4_TRONA 998	999 DUMMY_OP 999
-------- YEAR 2011 --------					
SEASONAL HEAT RATE PROFILE	0	0	0	0	0

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========== SEASON 5 MAY ==========

THERMAL UNIT	1	2	3	4	5	6	7

	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
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NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ========== THERMAL UNIT	1 AMOS 1	2 AMOS 2	3 AMOS_OP 3	4 BECKJORD 6	5 BIG SAND 1	6 BIG SAND 2	7 CARD 1+2 1
-------- YEAR 2035 --------							
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========== SEASON 5 MAY ========== THERMAL UNIT	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 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 5 MAY ==========

THERMAL UNIT	15	16	17	18	19	20	21
	CLIFTY 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

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========== SEASON 5 MAY ==========

THERMAL UNIT	22 CSVL 1-4 4	23 CSVL 5+6 5	24 CSVL 5+6 6	25 D C COOK 1	26 D C COOK 2	27 GAVIN 1	28 GAVIN 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	28
-------- YEAR 2012 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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.

========== SEASON 5 MAY ==========

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

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

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========== SEASON 5 MAY ==========							
THERMAL UNIT	29	30	33	34	35	36	37
	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

========== SEASON 5 MAY ==========							
THERMAL UNIT	38	39	40	41	42	43	44
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ==========

THERMAL UNIT	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2
-------- YEAR 2026 --------							
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========== SEASON 5 MAY ==========

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ==========

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

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

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========== SEASON 5 MAY ============

THERMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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========== SEASON 5 MAY ============

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	162	162	162

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========== SEASON 5 MAY ==========

THERMAL UNIT	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 --------

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ==========

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

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

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

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========== 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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== 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 --------							
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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 --------							
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========== SEASON 5 MAY ==========

THERMAL UNIT	104 PC_UL_IM 1	105 NUKE_IM 1	106 CT_KPCO 1	107 CC_KPCO 1	108 IGCC KP 1	109 PC_UL_KP 1	110 NUKE_KP 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ==========

THERMAL UNIT	104	105	106	107	108	109	110
	PC_UL_IM	NUKE_IM	CT_KPCO	CC_KPCO	IGCC KP	PC_UL_KP	NUKE_KP
	1	1	1	1	1	1	1

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

========== SEASON 5 MAY ==========

THERMAL UNIT	111	112	113	114	115	116	118
	CT_OHIO	CC_OH	IGCC OH	PC_UL_OH	NUKE OH	CC_FA_KP	BS1_Gas
	1	1	1	1	1	1	1

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

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 5 MAY ==========

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 CR1_NGCC 1
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
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========== SEASON 5 MAY ==========

THERMAL UNIT	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 --------							
SEASONAL HEAT RATE 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.

========== SEASON 5 MAY ==========

THERMAL UNIT	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 2019 --------							
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========== SEASON 5 MAY ==========

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 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2012 --------							
-------- YEAR 2013 --------							
-------- YEAR 2014 --------							
SEASONAL HEAT RATE PROFILE	0	0	150	0	0	0	0
-------- YEAR 2015 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
-------- YEAR 2016 --------							
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========== SEASON 5 MAY ==========

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 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ==========

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

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========== SEASON 5 MAY ============

THERMAL UNIT	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	957 RP2D_KP	958 RP2D_IM	959 CSV6_SCR
	0	0	0	0	957	958	959
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 5 MAY ============

THERMAL UNIT	960 CSV5_SCR	961 DUMMY_OP	962 BS_BFCC	963 RP1D_KP	964 RP1D_03	965 DUMMY_KP	966 CR2_NGCC
	960	961	962	963	964	965	966
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ==========

THERMAL UNIT	967 CR1_NGCC 967	968 MR5_NGCC 968	969 RP2TR_KP 969	970 RP2TR_IM 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 973
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 5 MAY ============

THERMAL UNIT	974	975	976	977	978	979	980
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	974	975	976	977	978	979	980
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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========== SEASON 5 MAY ============

THERMAL UNIT	981	982	983	984	985	986	987
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
	981	982	983	984	985	986	987
-------- YEAR 2011 --------							
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

========== SEASON 5 MAY ==========							
THERMAL UNIT	981	982	983	984	985	986	987
	DUMMY_OP 981	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987

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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 5 MAY ==========							
THERMAL UNIT	988	989	990	991	992	993	994
	DUMMY_OP 988	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994
-------- 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 --------