

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

AMS OPTION		0
COMMITMENT OPTIONS		3
CONDITIONAL PERCENTILE	4	0.00
DEFERRAL CAPACITY SWITCH		3
DEFERRAL CAPACITY WEIGHTING		0.00
DUMP ENERGY ACCOUNTING FLAG		1
ECONOMY SALES ACCOUNTING FLAG		1
EMERGENCY USE OF HYDRO		0
EMERGENCY USE OF STORAGE		0
EMISSIONS LIMIT SWITCH		1
EMISSIONS LIMIT TOLERANCE OPTION		1
ESCALATION DUMP ENERGY PRICE		
ESCALATION EMERGENCY CURT IMPACT		
ESCALATION EMERGENCY DISP COST		
ESCALATION EMERGENCY ENERGY COST		
ESCALATION FIXED COST ADDER		
ESCALATION INTERCHANGE PROFIT RE		
ESCALATION UNIT RUNNING RATE		
FIXED FUEL ALLOCATION METHOD		0
FUEL ADJUSTMENT SWITCH		0
FUEL LIMIT OPTION		4
INFLATION OPTION		
INTERCHANGE METHOD		2
INVENTORY CALCULATION SWITCH		0
MARGINAL COSTS DIAGNOSTICS		3
MULTIPLE SEGMENTS		X
MUST RUN INTERCHANGE FLAG		0
NUMBER OF COST CURVE STEPS		40
NUMBER OF SUBPERIODS		3
PROBABILITY METHOD		C
SEASONAL DISPATCH FLAG		1
SELIBACK OWNERSHIP COMPANY		0
SELIBACK RETENTION COMPANY		0
TREATMENT OF MAINTENANCE		1
UNIT PROFITABILITY FLAG		0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

YEAR	2011	2012	2013	2014	2015	2016	2017
COMMITMENT LEVEL							
DUMP ENERGY SALE PRICE	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00
ECONOMY INTERCHANGE METHOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMERGENCY CUSTOMER IMPACT	2	2	2	2	2	2	2
EMERGENCY DISPATCH COST	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY ENERGY PROFILE	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
EMERGENCY ENERGY COST	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
EXTERNAL GENERATION COST BILLING RATIO	32.00	32.00	32.00	32.00	32.00	32.00	32.00
EXTERNAL REPLACEMENT COST RATIO	0	0	0	0	0	0	0
FIXED ADDRESS INTERCHANGE BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FIXED ADDRESS INTERCHANGE BILLING \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION PER %	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION THR \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKUP OF SELLBACK ENERGY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE MARGIN TARGET	MM-% 9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.						
SEASONAL RMO PROFILE							
SPINNING RESERVE REQUIREMENT	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
UNIT RUNNING RATE ANNUAL PEAK	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE CURVE POINTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT RUNNING RATE CURVE POINTER	0	0	0	0	0	0	0
YEAR	2018	2019	2020	2021	2022	2023	2024
COMMITMENT LEVEL							
DUMP ENERGY SALE PRICE	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00
ECONOMY INTERCHANGE METHOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMERGENCY CUSTOMER IMPACT	2	2	2	2	2	2	2
EMERGENCY DISPATCH COST	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY ENERGY PROFILE	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
EMERGENCY ENERGY COST	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
EXTERNAL GENERATION COST BILLING RATIO	32.00	32.00	32.00	32.00	32.00	32.00	32.00
EXTERNAL REPLACEMENT COST RATIO	0	0	0	0	0	0	0
FIXED ADDRESS INTERCHANGE BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FIXED ADDRESS INTERCHANGE BILLING \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION PER %	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION THR \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKUP OF SELLBACK ENERGY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE MARGIN TARGET	MM-% 9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.						
SEASONAL RMO PROFILE							
SPINNING RESERVE REQUIREMENT	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
UNIT RUNNING RATE ANNUAL PEAK	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE CURVE POINTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT RUNNING RATE CURVE POINTER	0	0	0	0	0	0	0

YEAR	2025	2026	2027	2028	2029	2030	2031
COMMITMENT LEVEL							
DUMP ENERGY SALE PRICE	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00
ECONOMY INTERCHANGE METHOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMERGENCY CUSTOMER IMPACT	2	2	2	2	2	2	2
EMERGENCY DISPATCH COST	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY ENERGY PROFILE	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
EMERGENCY ENERGY COST	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
EXTERNAL GENERATION COST BILLING RATIO	32.00	32.00	32.00	32.00	32.00	32.00	32.00
EXTERNAL REPLACEMENT COST RATIO	0	0	0	0	0	0	0
FIXED ADDRESS INTERCHANGE BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FIXED ADDRESS INTERCHANGE BILLING \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION PER %	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION THR \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKUP OF SELLBACK ENERGY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE MARGIN TARGET	MM-% 9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.						
SEASONAL RMO PROFILE							
SPINNING RESERVE REQUIREMENT	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
UNIT RUNNING RATE ANNUAL PEAK	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE CURVE POINTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT RUNNING RATE CURVE POINTER	0	0	0	0	0	0	0
YEAR	2032	2033	2034	2035	2036	2037	2038
COMMITMENT LEVEL							
DUMP ENERGY SALE PRICE	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00	\$/MWH 65.00
ECONOMY INTERCHANGE METHOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMERGENCY CUSTOMER IMPACT	2	2	2	2	2	2	2
EMERGENCY DISPATCH COST	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00	\$/MWH 0.00
EMERGENCY ENERGY PROFILE	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
EMERGENCY ENERGY COST	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
EXTERNAL GENERATION COST BILLING RATIO	32.00	32.00	32.00	32.00	32.00	32.00	32.00
EXTERNAL REPLACEMENT COST RATIO	0	0	0	0	0	0	0
FIXED ADDRESS INTERCHANGE BILLING RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FIXED ADDRESS INTERCHANGE BILLING \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION PER %	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGE PROFIT RETENTION THR \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKUP OF SELLBACK ENERGY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELIABILITY TARGET	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE MARGIN TARGET	MM-% 9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.						
SEASONAL RMO PROFILE							
SPINNING RESERVE REQUIREMENT	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0	\$/MWH 0
UNIT RUNNING RATE ANNUAL PEAK	4.50	4.50	4.50	4.50	4.50	4.50	4.50
UNIT RUNNING RATE CURVE POINTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT RUNNING RATE CURVE POINTER	0	0	0	0	0	0	0
YEAR	2039	2040					
COMMITMENT LEVEL							
DUMP ENERGY SALE PRICE	\$/MWH 65.00	\$/MWH 65.00					
ECONOMY INTERCHANGE METHOD	0.00	0.00					
EMERGENCY CUSTOMER IMPACT	2	2					
EMERGENCY DISPATCH COST	\$/MWH 0.00	\$/MWH 0.00					
EMERGENCY ENERGY PROFILE	-1.00	-1.00					
EMERGENCY ENERGY COST	\$/MWH 0	\$/MWH 0					
EXTERNAL GENERATION COST BILLING RATIO	32.00	32.00					
EXTERNAL REPLACEMENT COST RATIO	0	0					
FIXED ADDRESS INTERCHANGE BILLING RATIO	1.00	1.00					
FIXED ADDRESS INTERCHANGE BILLING \$/MWH	0.00	0.00					
INTERCHANGE PROFIT RETENTION PER %	0.00	0.00					
INTERCHANGE PROFIT RETENTION THR \$/MWH	0.00	0.00					
MARKUP OF SELLBACK ENERGY	0.00	0.00					
RELIABILITY TARGET	0.00	0.00					
RESERVE MARGIN TARGET	MM-% 9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.9999898528.						
SEASONAL RMO PROFILE							
SPINNING RESERVE REQUIREMENT	\$/MWH 0	\$/MWH 0					
UNIT RUNNING RATE ANNUAL PEAK	4.50	4.50					
UNIT RUNNING RATE CURVE POINTER	0.00	0.00					
UNIT RUNNING RATE CURVE POINTER	0	0					

4-Company East Optimization

COMMITMENT LEVEL	%-MW	65.00	65.00
DUMP ENERGY SALE PRICE	\$/MWH	0.00	0.00
ECONOMY INTERCHANGE METHOD		2	2
EMERGENCY CUSTOMER IMPACT	\$/MWH	0.00	0.00
EMERGENCY DISPATCH COST	\$/MWH	-1.00	-1.00
EMERGENCY DISPATCH PROFILE		0	0
EMERGENCY ENERGY COST	\$/MWH	32.00	32.00
EMERGENCY ENERGY PROFILE		0	0
EXTERNAL GENERATION COST BILLING RATIO		1.00	1.00
EXTERNAL REPLACEMENT COST RATIO		0.00	0.00
FIXED ADDER INTERCHANGE BILLING \$/MWH	\$/MWH	0.00	0.00
INTERCHANGE PROFIT RETENTION PER %	%	0.00	0.00
INTERCHANGE PROFIT RETENTION THR \$000		0.00	0.00
MARUP OF SELBACK ENERGY RATIO		0.00	0.00
RELIABILITY TARGET	MM-%	0.00	0.00
RESERVE MARGIN TARGET		99998998528.9998998528.	99998998528.9998998528.
SEASONAL RMG PROFILE		0	0
SPINNING RESERVE REQUIREMENT	%-MW	4.50	4.50
UNIT RUNNING RATE ANNUAL PEAK	\$/MWH	0.00	0.00
UNIT RUNNING RATE CURVE POINTER		0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

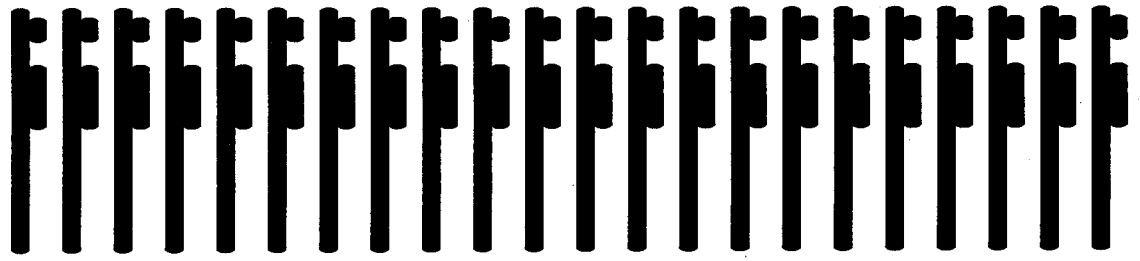
QUALIFIER = GAF.INPUT.PARAMETERS.

NO.	DESCRIPTION	VALUE
1	Reserve Margin Calculations	N
2	Energy Reserve Margin	N
4	Conditional Capacity Calculations	N
6	Company Fuel Type	N
7	Thermal Unit Dispatch	N
9	Tr-Dispatch Limited Fuel	N
10	Spinning Reserve Look-ahead	N
11	Dispatch Lambda	N
12	Limited Fuel Report	N
13	Externality Calculations	N
14	Dispatch Lambda Emissions Adder	N
15	Emissions limit Search Procedure	N
16	Seasonal Emissions	N
20	Hourly Chronological Storage	N
21	Chronological Storage search procedure	N
24	Direct Load Control Dispatch Order by Season	N
25	Direct Load Control by Program by Season	N
27	Dispatchable Transaction Order by Season	N
31	Deferral Unit Capacity Calculation	N
32	Residual Reliability Dispatch of Load Modifiers	N
34	Chronological Load Before Dispatch	N
35	Chronological Load After Transactions	N
36	Chronological Load After Hydro	N
37	Chronological Load After Pumped Storage	N
38	Chronological Load After Dispatchable Transactions	N
39	Chronological Load After Direct Load Control	N
40	Chronological Load After Network Interchange	N
41	Net thermal loads in record format	N
46	Marginal Cost Curves (PS/D/C, NEI, Disp Lambda)	N
48	Marginal Cost Curves in record format	N
50	Chronological Marginal Costs Before Dispatch	N
51	Chronological Marginal Costs After Transactions	N
52	Chronological Marginal Costs After Hydro	N
53	Chronological Marginal Costs After Pumped Storage	N
54	Chronological Marginal Costs After Dispatchable Tr	N
55	Chronological Marginal Costs After Direct Load Con	N
56	Chronological Marginal Costs After Network Interch	N
61	NEI Hourly Diagnostics By Transmission Link	N
62	NEI Hourly Diagnostics By Interchange System	N
63	NEI Seasonal Interchange Summary	N
69	Multi Company Interchange Accounting	N
70	Write UMAN Cards From Auto. Maintenance Scheduler	N
71	Maintenance Subperiod Array	N
72	Seasonal Maintenance Week	N
73	Seasonal Resource Summary	N
74	Seasonal Capacity and Reserve	N
75	Seasonal Resource Energy	N
76	Seasonal Total Cost	N
77	Seasonal Fuel Burn - Mbtu	N
78	Seasonal Fuel Cost	N
80	Capacity Sellback Energy	N
81	Inflation / Escalation	N
82	Daily Seasonal Definition	N
90	Water Year System	N
91	Water Year Seasonal System	N
92	Water Year Hydro, Storage, and Thermal Units	N
93	Water Year Fuel Class and Fuel Type	N
94	Water Year Unit Profitability	N
95	Seasonal Unit Revenue	N
96	Seasonal Unit Profitability	N

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

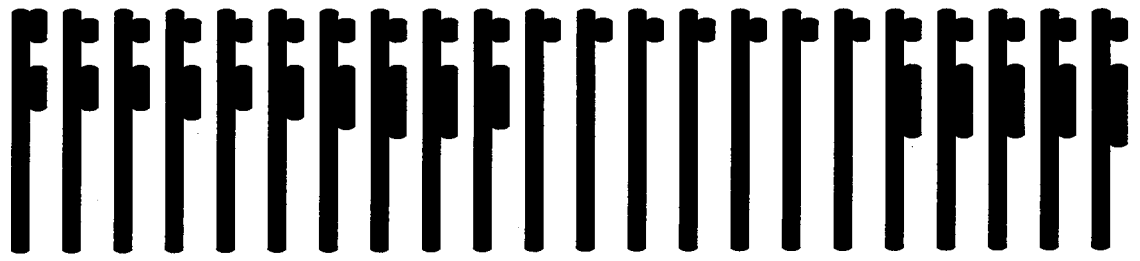
SEASONS	1	2	3	4	5	6	7
WEEK PROFILE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
WEEK PROFILE	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00
SEASONS	8	9	10	11	12		
WEEK PROFILE	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
WEEK PROFILE	WEEK00	WEEK00	WEEK00	WEEK00	WEEK00		













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APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONS	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025
UNIT RUNNING RATE SEASONAL PEAK \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7								
								AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12			
UNIT RUNNING RATE SEASONAL PEAK \$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONS	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		1 TPOOL_11						
		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	1.00	0.98	0.94	0.90	0.88	0.89	0.90
2	WKNIGHT	1.00	0.98	0.94	0.90	0.88	0.89	0.90
3	WKEND	1.00	0.98	0.94	0.90	0.88	0.89	0.90
SEASONAL PROFILE SEASONS		1 TPOOL_11						
		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SUBPERIODS								
1	WKDAY	0.90	0.89	0.90	0.94	0.96		
2	WKNIGHT	0.90	0.89	0.90	0.94	0.96		
3	WKEND	0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE SEASONS		2 TPOOL_12						
		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	1.00	0.98	0.94	0.89	0.87	0.88	0.89
2	WKNIGHT	1.00	0.98	0.94	0.89	0.87	0.88	0.89
3	WKEND	1.00	0.98	0.94	0.89	0.87	0.88	0.89
SEASONAL PROFILE SEASONS		2 TPOOL_12						
		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SUBPERIODS								
1	WKDAY	0.89	0.88	0.89	0.93	0.96		
2	WKNIGHT	0.89	0.88	0.89	0.93	0.96		
3	WKEND	0.89	0.88	0.89	0.93	0.96		
SEASONAL PROFILE SEASONS		3 TPOOL_13						
		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	1.00	0.99	0.95	0.90	0.89	0.89	0.91
2	WKNIGHT	1.00	0.99	0.95	0.90	0.89	0.89	0.91
3	WKEND	1.00	0.99	0.95	0.90	0.89	0.89	0.91
SEASONAL PROFILE SEASONS		3 TPOOL_13						
		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SUBPERIODS								
1	WKDAY	0.91	0.90	0.91	0.94	0.97		
2	WKNIGHT	0.91	0.90	0.91	0.94	0.97		
3	WKEND	0.91	0.90	0.91	0.94	0.97		
SEASONAL PROFILE SEASONS		4 TPOOL_14						
		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
		21						

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.91	0.90	0.90	0.90	0.92			
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.91	0.90	0.90	0.90	0.92			
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.91	0.90	0.90	0.90	0.92			
SEASONAL PROFILE												
SEASONS												
4 TPOOL_14												
		8	9	10	11	12						
	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.95	0.97						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.95	0.97						
3	WKEND											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.95	0.97						
SEASONAL PROFILE												
SEASONS												
5 TPOOL_15												
		1	2	3	4	5	6	7				
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.91	0.90	0.90	0.92				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.91	0.90	0.90	0.92				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.95	0.91	0.90	0.90	0.92				
SEASONAL PROFILE												
SEASONS												
8												
	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.95	0.97						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.95	0.97						
3	WKEND											
SEASONAL PROFILE ENTRY		0.92	0.91	0.92	0.95	0.97						

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE
SEASONS
SUBPERIODS
6 TPOOL_16
1 JANUARY
2 FEBRUARY
3 MARCH
4 APRIL
5 MAY
6 JUNE
7 JULY

1 WKDAY 1.00 0.99 0.96 0.92 0.91 0.91 0.92
SEASONAL PROFILE ENTRY
2 WKNIGHT 1.00 0.99 0.96 0.92 0.91 0.91 0.92
SEASONAL PROFILE ENTRY
3 WKEND 1.00 0.99 0.96 0.92 0.91 0.91 0.92
SEASONAL PROFILE ENTRY

SEASONAL PROFILE
SEASONS
SUBPERIODS
6 TPOOL_16
8 AUGUST
9 SEPTEMBER
10 OCTOBER
11 NOVEMBER
12 DECEMBER

1 WKDAY 0.92 0.92 0.92 0.96 0.98
SEASONAL PROFILE ENTRY
2 WKNIGHT 0.92 0.92 0.92 0.96 0.98
SEASONAL PROFILE ENTRY
3 WKEND 0.92 0.92 0.92 0.96 0.98
SEASONAL PROFILE ENTRY

SEASONAL PROFILE
SEASONS
SUBPERIODS
7 TPOOL_17
1 JANUARY
2 FEBRUARY
3 MARCH
4 APRIL
5 MAY
6 JUNE
7 JULY

1 WKDAY 1.00 0.99 0.96 0.92 0.92 0.92 0.93
SEASONAL PROFILE ENTRY
2 WKNIGHT 1.00 0.99 0.96 0.92 0.92 0.92 0.93
SEASONAL PROFILE ENTRY
3 WKEND 1.00 0.99 0.96 0.92 0.92 0.92 0.93
SEASONAL PROFILE ENTRY

SEASONAL PROFILE
SEASONS
SUBPERIODS
7 TPOOL_17
8 AUGUST
9 SEPTEMBER
10 OCTOBER
11 NOVEMBER
12 DECEMBER

1 WKDAY 0.93 0.92 0.93 0.96 0.98
SEASONAL PROFILE ENTRY
2 WKNIGHT 0.93 0.92 0.93 0.96 0.98
SEASONAL PROFILE ENTRY
3 WKEND 0.93 0.92 0.93 0.96 0.98
SEASONAL PROFILE ENTRY

SEASONAL PROFILE
SEASONS
SUBPERIODS
8 TPOOL_18
1 JANUARY
2 FEBRUARY
3 MARCH
4 APRIL
5 MAY
6 JUNE
7 JULY

1 WKDAY 1.00 0.99 0.96 0.93 0.92 0.92 0.93
SEASONAL PROFILE ENTRY
2 WKNIGHT 1.00 0.99 0.96 0.93 0.92 0.92 0.93
SEASONAL PROFILE ENTRY
3 WKEND 1.00 0.99 0.96 0.93 0.92 0.92 0.93
SEASONAL PROFILE ENTRY

SEASONAL PROFILE
SEASONS
SUBPERIODS
8 TPOOL_18
8 AUGUST
9 SEPTEMBER
10 OCTOBER
11 NOVEMBER
12 DECEMBER

1 WKDAY 0.93 0.92 0.93 0.96 0.98
SEASONAL PROFILE ENTRY
2 WKNIGHT 0.93 0.92 0.93 0.96 0.98
SEASONAL PROFILE ENTRY
3 WKEND 0.93 0.92 0.93 0.96 0.98
SEASONAL PROFILE ENTRY

SEASONAL PROFILE
SEASONS
SUBPERIODS
9 TPOOL_19
1 JANUARY
2 FEBRUARY
3 MARCH
4 APRIL
5 MAY
6 JUNE
7 JULY

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.93	0.92	0.92	0.93	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.93	0.92	0.92	0.93	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.93	0.92	0.92	0.93	
SEASONAL PROFILE												
SEASONS												
9 TPOOL_19												
		8	9	10	11	12						
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.96	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.96	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.96	0.98						
SEASONAL PROFILE												
SEASONS												
10 TPOOL_20												
		8	9	10	11	12						
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.93	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.93	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.96	0.93	0.92	0.92	0.92	0.92	0.92	0.93	
SEASONAL PROFILE												
SEASONS												
10 TPOOL_20												
		8	9	10	11	12						
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.96	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.96	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.93	0.92	0.93	0.96	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	11 TPOOL_21	1	2	3	4	5	6	7
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.93	0.92	0.92	0.93	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.92	0.93	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.93	0.92	0.92	0.93	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	11 TPOOL_21	8	9	10	11	12		
	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
SUBPERIODS								
1 WKDAY	0.93	0.93	0.93	0.96	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.93	0.93	0.93	0.96	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.93	0.93	0.93	0.96	0.98			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	12 TPOOL_22	1	2	3	4	5	6	7
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.93	0.93	0.93	0.94	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.94	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.93	0.93	0.93	0.94	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	12 TPOOL_22	8	9	10	11	12		
	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	13 TPOOL_23	1	2	3	4	5	6	7
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.94	0.93	0.93	0.94	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.99	0.96	0.94	0.93	0.93	0.94	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.99	0.96	0.94	0.93	0.93	0.94	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	13 TPOOL_23	8	9	10	11	12		
	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	14 TPOOL_24	1	2	3	4	5	6	7
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.94			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.94			
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.94			
SEASONAL PROFILE SEASONS												
14 TPOOL_24												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.96	0.96	0.98				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.96	0.96	0.98				
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.96	0.96	0.96	0.98				
SEASONAL PROFILE SEASONS												
15 TPOOL_25												
	JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE	6
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.94
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.94
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.94
SEASONAL PROFILE SEASONS												
15 TPOOL_25												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.97	0.97	0.98					
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.97	0.97	0.98					
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.97	0.97	0.98					

SUBPERIODS		19 TPOOL_29											
		AUGUST 8											
		SEPTEMBER 9											
		OCTOBER 10											
		NOVEMBER 11											
		DECEMBER 12											
SEASONAL PROFILE ENTRY	1 WKDAY	1.00	0.99	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SEASONAL PROFILE ENTRY	2 WKNIGHT	1.00	0.99	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SEASONAL PROFILE ENTRY	3 WKEND	1.00	0.99	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SEASONAL PROFILE SEASONS		20 TPOOL_30											
		AUGUST 8											
		SEPTEMBER 9											
		OCTOBER 10											
		NOVEMBER 11											
		DECEMBER 12											
SEASONAL PROFILE ENTRY	1 WKDAY	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SEASONAL PROFILE ENTRY	2 WKNIGHT	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SEASONAL PROFILE ENTRY	3 WKEND	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95
SEASONAL PROFILE SEASONS		20 TPOOL_30											
		AUGUST 8											
		SEPTEMBER 9											
		OCTOBER 10											
		NOVEMBER 11											
		DECEMBER 12											
SEASONAL PROFILE ENTRY	1 WKDAY	0.95	0.94	0.95	0.97	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY	2 WKNIGHT	0.95	0.94	0.95	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.99
SEASONAL PROFILE ENTRY	3 WKEND	0.95	0.94	0.95	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.99

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INFUT.PARAMETERS.

SEASONAL PROFILE SEASONS	21 TPOOL_31	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.95
2 WKNIGHT	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.95
3 WKEND	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.95
SEASONAL PROFILE SEASONS	21 TPOOL_31	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.95	0.94	0.95	0.97	0.99	0.99		
2 WKNIGHT	0.95	0.94	0.95	0.97	0.99	0.99		
3 WKEND	0.95	0.94	0.95	0.97	0.99	0.99		
SEASONAL PROFILE SEASONS	22 TPOOL_32	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.95
2 WKNIGHT	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.95
3 WKEND	1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.95
SEASONAL PROFILE SEASONS	22 TPOOL_32	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.95	0.95	0.95	0.97	0.99	0.99		
2 WKNIGHT	0.95	0.95	0.95	0.97	0.99	0.99		
3 WKEND	0.95	0.95	0.95	0.97	0.99	0.99		
SEASONAL PROFILE SEASONS	23 TPOOL_33	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95
2 WKNIGHT	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95
3 WKEND	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95
SEASONAL PROFILE SEASONS	23 TPOOL_33	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.95	0.95	0.95	0.98	0.99	0.99		
2 WKNIGHT	0.95	0.95	0.95	0.98	0.99	0.99		
3 WKEND	0.95	0.95	0.95	0.98	0.99	0.99		
SEASONAL PROFILE SEASONS	24 TPOOL_34	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.95	0.95	0.95	0.98	0.99	0.99		
2 WKNIGHT	0.95	0.95	0.95	0.98	0.99	0.99		
3 WKEND	0.95	0.95	0.95	0.98	0.99	0.99		

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	26 TPOOL_36	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	26 TPOOL_36	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	27 TPOOL_37	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	27 TPOOL_37	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	28 TPOOL_38	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.96	0.96	0.96	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.96	0.96	0.96	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.96	0.96	0.96	0.96
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	28 TPOOL_38	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	29 TPOOL_39	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	29 TPOOL_39	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	29 TPOOL_39	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
SEASONAL PROFILE												
SEASONS												
29 TPOOL_39												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.98	0.98	0.99					
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.98	0.99					
3	WKEND											
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.98	0.98	0.99					
SEASONAL PROFILE												
SEASONS												
30 TPOOL_40												
JANUARY 1												
FEBRUARY 2												
MARCH 3												
APRIL 4												
MAY 5												
JUNE 6												
JULY 7												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97
SEASONAL PROFILE												
SEASONS												
30 TPOOL_40												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.98	0.98	0.99					
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.98	0.99					
3	WKEND											
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.98	0.98	0.99					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	31 TDELV_11	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		0.99		0.95		0.90		0.89		0.89		0.91	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		1.00		0.99		0.95		0.90		0.89		0.89		0.91	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		0.99		0.95		0.90		0.89		0.89		0.91	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	31 TDELV_11	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		0.91		0.90		0.90		0.94		0.96		0.96		0.90	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.91		0.90		0.90		0.94		0.96		0.96		0.90	
SEASONAL PROFILE ENTRY															
3 WKEND		0.91		0.90		0.90		0.94		0.96		0.96		0.90	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	32 TDELV_12	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		0.98		0.94		0.89		0.88		0.88		0.90	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		1.00		0.98		0.94		0.89		0.88		0.88		0.90	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		0.98		0.94		0.89		0.88		0.88		0.90	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	32 TDELV_12	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		0.90		0.88		0.90		0.94		0.96		0.96		0.90	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.90		0.88		0.90		0.94		0.96		0.96		0.90	
SEASONAL PROFILE ENTRY															
3 WKEND		0.90		0.88		0.90		0.94		0.96		0.96		0.90	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	33 TDELV_13	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		0.99		0.95		0.90		0.89		0.90		0.91	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		1.00		0.99		0.95		0.90		0.89		0.90		0.91	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		0.99		0.95		0.90		0.89		0.90		0.91	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	33 TDELV_13	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
3 WKEND		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	34 TDELV_14	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
3 WKEND		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	34 TDELV_14	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
2 WKNIGHT		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															
3 WKEND		0.91		0.90		0.91		0.94		0.97		0.97		0.91	
SEASONAL PROFILE ENTRY															

ARE EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.PARAMETERS.

SEASONAL PROFILE 36 TDELV_16
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.92 0.91 0.92 0.93
2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.92 0.91 0.92 0.93
3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.92 0.91 0.92 0.93

SEASONAL PROFILE 36 TDELV_16
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98
2 WKNIGHT SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98
3 WKEND SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98

SEASONAL PROFILE 37 TDELV_17
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.93 0.92 0.92 0.93
2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.93 0.92 0.92 0.93
3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.93 0.92 0.92 0.93

SEASONAL PROFILE 37 TDELV_17
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98
2 WKNIGHT SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98
3 WKEND SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98

SEASONAL PROFILE 38 TDELV_18
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.93 0.92 0.92 0.93
2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.93 0.92 0.92 0.93
3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.96 0.93 0.92 0.92 0.93

SEASONAL PROFILE 38 TDELV_18
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98
2 WKNIGHT SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98
3 WKEND SEASONAL PROFILE ENTRY 0.93 0.92 0.93 0.96 0.98

SEASONAL PROFILE 39 TDELV_19
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.93	0.92	0.92	0.93				
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.93	0.92	0.92	0.93				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.93	0.92	0.92	0.93				
SEASONAL PROFILE												
	SEASONS	39	TDELIV_19									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98						
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98						
SEASONAL PROFILE												
	SEASONS	40	TDELIV_20									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.93	0.92	0.92	0.93				
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.93	0.92	0.92	0.93				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.93	0.92	0.92	0.93				
SEASONAL PROFILE												
	SEASONS	40	TDELIV_20									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98						
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	41 TDELIV_21	1	2	3	4	5	6	7
1 WKDAY	1.00	0.99	0.96	0.93	0.92	0.93	0.94	
2 WKNIGHT	1.00	0.99	0.96	0.93	0.92	0.93	0.94	
3 WKEND	1.00	0.99	0.96	0.93	0.92	0.93	0.94	
SEASONAL PROFILE SEASONS	41 TDELIV_21	8	9	10	11	12		
SUBPERIODS	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
1 WKDAY	0.93	0.93	0.93	0.96	0.98			
2 WKNIGHT	0.93	0.93	0.93	0.96	0.98			
3 WKEND	0.93	0.93	0.93	0.96	0.98			
SEASONAL PROFILE SEASONS	42 TDELIV_22	1	2	3	4	5	6	7
SUBPERIODS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
1 WKDAY	1.00	0.99	0.96	0.93	0.93	0.93	0.94	
2 WKNIGHT	1.00	0.99	0.96	0.93	0.93	0.93	0.94	
3 WKEND	1.00	0.99	0.96	0.93	0.93	0.93	0.94	
SEASONAL PROFILE SEASONS	42 TDELIV_22	8	9	10	11	12		
SUBPERIODS	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
3 WKEND	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE SEASONS	43 TDELIV_23	1	2	3	4	5	6	7
SUBPERIODS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
1 WKDAY	1.00	0.99	0.96	0.94	0.93	0.93	0.94	
2 WKNIGHT	1.00	0.99	0.96	0.94	0.93	0.93	0.94	
3 WKEND	1.00	0.99	0.96	0.94	0.93	0.93	0.94	
SEASONAL PROFILE SEASONS	43 TDELIV_23	8	9	10	11	12		
SUBPERIODS	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
3 WKEND	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE SEASONS	44 TDELIV_24	1	2	3	4	5	6	7
SUBPERIODS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
3 WKEND	0.94	0.93	0.94	0.96	0.98			

4-Company East Optimization

SUBPERIODS																		
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.94	0.93	0.93	0.94						
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.94	0.98	0.93	0.94						
3	WKEND	SEASONAL PROFILE ENTRY	1.00	0.99	0.96	0.94	0.93	0.93	0.94	0.98	0.93	0.94						
SEASONAL PROFILE SEASONS			44	TDELY_24	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS																		
1	WKDAY	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.97	0.98	0.98	0.97	0.98	0.98	0.98						
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.97	0.98	0.98	0.97	0.98	0.98	0.98						
3	WKEND	SEASONAL PROFILE ENTRY	0.94	0.93	0.94	0.97	0.98	0.98	0.97	0.98	0.98	0.98						
SEASONAL PROFILE SEASONS			45	TDELY_25	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS																		
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.93	0.93	0.94						
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.93	0.93	0.94						
3	WKEND	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.93	0.93	0.94						
SEASONAL PROFILE SEASONS			45	TDELY_25	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS																		
1	WKDAY	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.97	0.98	0.98	0.97	0.98	0.98	0.98						
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.97	0.98	0.98	0.97	0.98	0.98	0.98						
3	WKEND	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.97	0.98	0.98	0.97	0.98	0.98	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	46 TDELV_26	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.97	0.94	0.93	0.94	0.94
2 WKNIGHT		1.00	0.99	0.97	0.94	0.93	0.94	0.94
3 WKEND		1.00	0.99	0.97	0.94	0.93	0.94	0.94
SEASONAL PROFILE SEASONS	46 TDELV_26	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.94	0.94	0.94	0.97	0.98		
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
3 WKEND		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE SEASONS	47 TDELV_27	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.97	0.94	0.94	0.94	0.94
2 WKNIGHT		1.00	0.99	0.97	0.94	0.94	0.94	0.94
3 WKEND		1.00	0.99	0.97	0.94	0.94	0.94	0.94
SEASONAL PROFILE SEASONS	47 TDELV_27	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.94	0.94	0.94	0.97	0.98		
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
3 WKEND		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE SEASONS	48 TDELV_28	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.97	0.94	0.94	0.94	0.95
2 WKNIGHT		1.00	0.99	0.97	0.94	0.94	0.94	0.95
3 WKEND		1.00	0.99	0.97	0.94	0.94	0.94	0.95
SEASONAL PROFILE SEASONS	48 TDELV_28	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.94	0.94	0.94	0.97	0.98		
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
3 WKEND		0.94	0.94	0.94	0.97	0.98		
SEASONAL PROFILE SEASONS	49 TDELV_29	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.94	0.94	0.94	0.97	0.98		
2 WKNIGHT		0.94	0.94	0.94	0.97	0.98		
3 WKEND		0.94	0.94	0.94	0.97	0.98		

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	51 TDELV_31	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.97	0.95	0.94	0.94	0.95
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.97	0.95	0.94	0.94	0.95
SEASONAL PROFILE ENTRY								
3 WKENDD		1.00	0.99	0.97	0.95	0.94	0.94	0.95
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	51 TDELV_31	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.95	0.94	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.94	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.95	0.94	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	52 TDELV_32	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.97	0.95	0.94	0.94	0.95
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.97	0.95	0.94	0.94	0.95
SEASONAL PROFILE ENTRY								
3 WKENDD		1.00	0.99	0.97	0.95	0.94	0.94	0.95
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	52 TDELV_32	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	53 TDELV_33	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.97	0.95	0.95	0.95	0.95
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.97	0.95	0.95	0.95	0.95
SEASONAL PROFILE ENTRY								
3 WKENDD		1.00	0.99	0.97	0.95	0.95	0.95	0.95
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	53 TDELV_33	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	54 TDELV_34	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								
3 WKENDD		0.95	0.95	0.95	0.97	0.99		
SEASONAL PROFILE ENTRY								

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
SEASONAL PROFILE												
SEASONS												
54 TDELIV_34												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.95	0.95	0.95	0.97	0.97	0.99	0.99	0.99	0.99		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.95	0.95	0.95	0.95	0.97	0.97	0.99	0.99	0.99		
3	WKEND											
	SEASONAL PROFILE ENTRY	0.95	0.95	0.95	0.95	0.97	0.97	0.99	0.99	0.99		
SEASONAL PROFILE												
SEASONS												
55 TDELIV_35												
	JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE	6
	JULY	7										
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
SEASONAL PROFILE												
SEASONS												
55 TDELIV_35												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.96	0.95	0.96	0.98	0.98	0.99	0.99	0.99	0.99		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.96	0.95	0.96	0.98	0.98	0.99	0.99	0.99	0.99		
3	WKEND											
	SEASONAL PROFILE ENTRY	0.96	0.95	0.96	0.98	0.98	0.99	0.99	0.99	0.99		

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	56 TDELV_36	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	56 TDELV_36	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	57 TDELV_37	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	57 TDELV_37	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.95	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	58 TDELV_38	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.96	0.95	0.96	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.96	0.95	0.96	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.96	0.95	0.96	0.96
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	58 TDELV_38	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	59 TDELV_39	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	59 TDELV_39	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								
3 WKEND		0.96	0.96	0.96	0.98	0.99		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
SEASONAL PROFILE SEASONS												
		59	TDELIV_39									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.98	0.96	0.98	0.99	0.99	0.99	0.99
3	WKEND											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.98	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE SEASONS												
		60	TDELIV_40									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97
SEASONAL PROFILE SEASONS												
		60	TDELIV_40									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.98	0.96	0.98	0.99	0.99	0.99	0.99
3	WKEND											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.98	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE SEASONS												
		60	TDELIV_40									
		8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		63 Amos1_11		JANUARY 1		FEBRUARY 2		MARCH 3		APRIL 4		MAY 5		JUNE 6		JULY 7	
SUBPERIODS																	
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.96	0.96	0.96	0.94	0.93							
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.96	0.96	0.96	0.94	0.93							
3	WKEND	SEASONAL PROFILE ENTRY	1.00	0.99	0.97	0.96	0.96	0.96	0.94	0.93							
SEASONAL PROFILE SEASONS		63 Amos1_11		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12					
SUBPERIODS																	
1	WKDAY	SEASONAL PROFILE ENTRY	0.92	0.91	0.90	0.87	0.87	0.87									
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.92	0.91	0.90	0.87	0.87	0.87									
3	WKEND	SEASONAL PROFILE ENTRY	0.92	0.91	0.90	0.87	0.87	0.87									
SEASONAL PROFILE SEASONS		64 Amos1_12		JANUARY 1		FEBRUARY 2		MARCH 3		APRIL 4		MAY 5		JUNE 6		JULY 7	
SUBPERIODS																	
1	WKDAY	SEASONAL PROFILE ENTRY	0.97	0.97	0.98	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.97	0.97	0.98	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
3	WKEND	SEASONAL PROFILE ENTRY	0.97	0.97	0.98	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE SEASONS		64 Amos1_12		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12					
SUBPERIODS																	
1	WKDAY	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.98	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		65 Beck_11		JANUARY 1		FEBRUARY 2		MARCH 3		APRIL 4		MAY 5		JUNE 6		JULY 7	
SUBPERIODS																	
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		65 Beck_11		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12					
SUBPERIODS																	
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		66 Am3_11		JANUARY 1		FEBRUARY 2		MARCH 3		APRIL 4		MAY 5		JUNE 6		JULY 7	
SUBPERIODS																	
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		66 Am3_11		JANUARY 1		FEBRUARY 2		MARCH 3		APRIL 4		MAY 5		JUNE 6		JULY 7	
SUBPERIODS																	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		68 Bigs_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	0.95	0.97	0.98	0.99	0.99	1.00	1.00
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.95	0.97	0.98	0.99	0.99	1.00	1.00
SEASONAL PROFILE ENTRY								
3	WKEND	0.95	0.97	0.98	0.99	0.99	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		68 Bigs_11						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		70 Card1_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	0.93	0.93	0.94	0.94	0.95	0.95	0.95
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.93	0.93	0.94	0.94	0.95	0.95	0.95
SEASONAL PROFILE ENTRY								
3	WKEND	0.93	0.93	0.94	0.94	0.95	0.95	0.95
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		71 Card1_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	0.95	0.97	0.98	0.99	1.00		
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.95	0.97	0.98	0.99	1.00		
SEASONAL PROFILE ENTRY								
3	WKEND	0.95	0.97	0.98	0.99	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		71 Card1_12						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	1.00	1.00	1.00	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY								
2	WKNIGHT	1.00	1.00	1.00	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY								
3	WKEND	1.00	1.00	1.00	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		73 Card2_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	0.99	0.98	0.98	0.98	0.97		
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.99	0.98	0.98	0.98	0.97		
SEASONAL PROFILE ENTRY								
3	WKEND	0.99	0.98	0.98	0.98	0.97		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS		73 Card2_11																	
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
		8	9	10	11	12							1	2	3	4	5	6	7
1	WKDAY	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
SEASONAL PROFILE ENTRY																			
2	WKNIGHT	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
SEASONAL PROFILE ENTRY																			
3	WKEND	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
SEASONAL PROFILE ENTRY																			
SEASONAL PROFILE SEASONS																			
SUBPERIODS		74 Card2_12																	
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
		8	9	10	11	12							1	2	3	4	5	6	7
1	WKDAY	0.99	0.99	0.99	1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
SEASONAL PROFILE ENTRY																			
2	WKNIGHT	0.99	0.99	0.99	1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
SEASONAL PROFILE ENTRY																			
3	WKEND	0.99	0.99	0.99	1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
SEASONAL PROFILE ENTRY																			
SEASONAL PROFILE SEASONS																			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

76 Card3_11

SEASONAL PROFILE SEASONS	1	2	3	4	5	6	7
JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4
MAY	5	JUNE	6	JULY	7		
1 WKDAY	0.96	0.97	0.98	0.99	0.99	0.99	1.00
2 WKNIGHT	0.96	0.97	0.98	0.99	0.99	0.99	1.00
3 WKEND	0.96	0.97	0.98	0.99	0.99	0.99	1.00

76 Card3_11

SEASONAL PROFILE SEASONS	8	9	10	11	12		
AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11
DECEMBER	12						
1 WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00

77 Card3_12

SEASONAL PROFILE SEASONS	1	2	3	4	5	6	7
JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4
MAY	5	JUNE	6	JULY	7		
1 WKDAY	0.99	0.99	0.99	0.99	0.99	0.99	1.00
2 WKNIGHT	0.99	0.99	0.99	0.99	0.99	0.99	1.00
3 WKEND	0.99	0.99	0.99	0.99	0.99	0.99	1.00

77 Card3_12

SEASONAL PROFILE SEASONS	8	9	10	11	12		
AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11
DECEMBER	12						
1 WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00

79 AM2_11

SEASONAL PROFILE SEASONS	1	2	3	4	5	6	7
JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4
MAY	5	JUNE	6	JULY	7		
1 WKDAY	1.00	0.99	0.98	0.98	0.97	0.96	0.95
2 WKNIGHT	1.00	0.99	0.98	0.98	0.97	0.96	0.95
3 WKEND	1.00	0.99	0.98	0.98	0.97	0.96	0.95

79 AM2_11

SEASONAL PROFILE SEASONS	8	9	10	11	12		
AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11
DECEMBER	12						
1 WKDAY	0.94	0.93	0.91	0.90	0.90	0.90	0.90
2 WKNIGHT	0.94	0.93	0.91	0.90	0.90	0.90	0.90
3 WKEND	0.94	0.93	0.91	0.90	0.90	0.90	0.90

80 AM2_12

SEASONAL PROFILE SEASONS	1	2	3	4	5	6	7
JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4
MAY	5	JUNE	6	JULY	7		

4-Company East Optimization

SUBPERIODS		80 AM2_12													
		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12					
1	WKDAY	0.93	0.94	0.95	0.95	0.96	0.96	0.97							
SEASONAL PROFILE ENTRY															
2	WKNIGHT	0.93	0.94	0.95	0.95	0.96	0.96	0.97							
SEASONAL PROFILE ENTRY															
3	WKEND	0.93	0.94	0.95	0.95	0.96	0.96	0.97							
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS															
SUBPERIODS		82 CLRV_11													
		JANUARY 1		FEBRUARY 2		MARCH 3		APRIL 4		MAY 5		JUNE 6		JULY 7	
1	WKDAY	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.99			
SEASONAL PROFILE ENTRY															
2	WKNIGHT	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.99			
SEASONAL PROFILE ENTRY															
3	WKEND	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.99			
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS															
SUBPERIODS		82 CLRV_11													
		AUGUST 8		SEPTEMBER 9		OCTOBER 10		NOVEMBER 11		DECEMBER 12					
1	WKDAY	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99				
SEASONAL PROFILE ENTRY															
2	WKNIGHT	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99				
SEASONAL PROFILE ENTRY															
3	WKEND	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99				
SEASONAL PROFILE ENTRY															

APP EAST
GENERATION AND FUEL MODJIE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		83 CLRV_12						
SUBPERIODS		1	2	3	4	5	6	7
SEASONAL PROFILE SEASONS		83 CLRV_12						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.81	0.85	0.89	0.92	0.94	0.95	0.97
2	WKNIGHT	0.81	0.85	0.89	0.92	0.94	0.95	0.97
3	WKEND	0.81	0.85	0.89	0.92	0.94	0.95	0.97
SEASONAL PROFILE SEASONS		83 CLRV_12						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	0.98	0.99	0.99	0.99	1.00		
2	WKNIGHT	0.98	0.99	0.99	0.99	1.00		
3	WKEND	0.98	0.99	0.99	0.99	1.00		
SEASONAL PROFILE SEASONS		85 CSVL3_11						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.99	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT	0.99	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND	0.99	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		85 CSVL3_11						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	1.00	1.00	1.00	1.00	1.00		
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE SEASONS		86 CSVL3_12						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.88	0.91	0.93	0.95	0.96	0.96	0.97
2	WKNIGHT	0.88	0.91	0.93	0.95	0.96	0.96	0.97
3	WKEND	0.88	0.91	0.93	0.95	0.96	0.96	0.97
SEASONAL PROFILE SEASONS		86 CSVL3_12						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	0.98	0.99	0.99	0.99	1.00		
2	WKNIGHT	0.98	0.99	0.99	0.99	1.00		
3	WKEND	0.98	0.99	0.99	0.99	1.00		
SEASONAL PROFILE SEASONS		88 CSVL4_11						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.98	0.99	0.99	0.99	1.00		
2	WKNIGHT	0.98	0.99	0.99	0.99	1.00		
3	WKEND	0.98	0.99	0.99	0.99	1.00		

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	91 CSV56_11	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY
SUBPERIODS								
1 WKDAY		0.88	0.90	0.91	0.92	0.92	0.95	0.97
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.88	0.90	0.91	0.92	0.92	0.95	0.97
SEASONAL PROFILE ENTRY								
3 WKEND		0.88	0.90	0.91	0.92	0.92	0.95	0.97
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	91 CSV56_11	8 AUGUST	9 SEPTEMBER	10 OCTOBER	11 NOVEMBER	12 DECEMBER		
SUBPERIODS								
1 WKDAY		0.98	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.98	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		0.98	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	92 CSV56_12	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY
SUBPERIODS								
1 WKDAY		1.00	1.00	0.99	0.99	0.99	0.98	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	0.99	0.99	0.99	0.98	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	0.99	0.99	0.99	0.98	0.99
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	95 Nucl_11	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY
SUBPERIODS								
1 WKDAY		0.98	0.98	0.98	0.99	0.99	1.00	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.98	0.98	0.98	0.99	0.99	1.00	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		0.98	0.98	0.98	0.99	0.99	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	96 Nucl_12	1 JANUARY	2 FEBRUARY	3 MARCH	4 APRIL	5 MAY	6 JUNE	7 JULY
SUBPERIODS								
1 WKDAY		1.00	1.00	0.97	0.94	0.95		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	0.97	0.94	0.95		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	0.97	0.94	0.95		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS		96 Nucl_12						
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12	JUNE 6	JULY 7
1	WKDAY	0.95	0.95	0.95	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.95	0.95	0.95	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
3	WKEND	0.95	0.95	0.95	0.95	0.97	0.98	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		97 Nucl_13						
		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	1.00	1.00	0.90	0.92	0.93	0.95
SEASONAL PROFILE ENTRY								
2	WKNIGHT	1.00	1.00	1.00	0.90	0.92	0.93	0.95
SEASONAL PROFILE ENTRY								
3	WKEND	1.00	1.00	1.00	0.90	0.92	0.93	0.95
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		97 Nucl_13						
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12	JUNE 6	JULY 7
1	WKDAY	0.95	0.94	0.93	0.90	0.91	0.91	
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.95	0.94	0.93	0.90	0.91	0.91	
SEASONAL PROFILE ENTRY								
3	WKEND	0.95	0.94	0.93	0.90	0.91	0.91	
SEASONAL PROFILE ENTRY								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		98 Nucl_14						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.95	0.95	0.95	0.95	0.97	0.98	1.00
2 WKNIGHT		0.95	0.95	0.95	0.95	0.97	0.98	1.00
3 WKEND		0.95	0.95	0.95	0.95	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		98 Nucl_14						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		1.00	0.98	0.93	0.91	0.91		
2 WKNIGHT		1.00	0.98	0.93	0.91	0.91		
3 WKEND		1.00	0.98	0.93	0.91	0.91		
SEASONAL PROFILE SEASONS		99 Nucl_15						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.96	0.96	0.96	0.95	0.97	0.98	1.00
2 WKNIGHT		0.96	0.96	0.96	0.95	0.97	0.98	1.00
3 WKEND		0.96	0.96	0.96	0.95	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		99 Nucl_15						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		1.00	0.98	0.98	0.95	0.96		
2 WKNIGHT		1.00	0.98	0.98	0.95	0.96		
3 WKEND		1.00	0.98	0.98	0.95	0.96		
SEASONAL PROFILE SEASONS		100 Nucl_16						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.96	0.96	0.96	0.96	0.97	0.98	1.00
2 WKNIGHT		0.96	0.96	0.96	0.96	0.97	0.98	1.00
3 WKEND		0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		100 Nucl_16						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		1.00	0.98	0.98	0.96	0.96		
2 WKNIGHT		1.00	0.98	0.98	0.96	0.96		
3 WKEND		1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE SEASONS		101 Nucl_17						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	0.98	0.98	0.96	0.96		
2 WKNIGHT		1.00	0.98	0.98	0.96	0.96		
3 WKEND		1.00	0.98	0.98	0.96	0.96		

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00
	SEASONAL PROFILE SEASONS	101 Nucl_17										
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.95	0.93	0.93	0.93	0.93	0.93	0.93	0.98	1.00
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.95	0.93	0.93	0.93	0.93	0.93	0.93	0.98	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.95	0.93	0.93	0.93	0.93	0.93	0.93	0.98	1.00
	SEASONAL PROFILE SEASONS	102 Nucl_18										
		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7				
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.98	0.98	1.00
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.98	0.98	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.98	0.98	0.98	1.00
	SEASONAL PROFILE SEASONS	102 Nucl_18										
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.98	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		103 Nuc1_19						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98	0.98	1.00
2	WKNIGHT	0.93	0.93	0.93	0.96	0.98	0.98	1.00
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98	0.98	1.00
3	WKEND	0.93	0.93	0.93	0.96	0.98	0.98	1.00
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.96	0.98	0.98	1.00
SEASONAL PROFILE SEASONS		103 Nuc1_19						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
	SEASONAL PROFILE ENTRY	1.00	0.98	0.98	0.96	0.96		
2	WKNIGHT	1.00	0.98	0.98	0.96	0.96		
	SEASONAL PROFILE ENTRY	1.00	0.98	0.98	0.96	0.96		
3	WKEND	1.00	0.98	0.98	0.96	0.96		
	SEASONAL PROFILE ENTRY	1.00	0.98	0.98	0.96	0.96		
SEASONAL PROFILE SEASONS		104 Nuc1_20						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.93	0.95	0.96	0.97
2	WKNIGHT	0.93	0.93	0.93	0.93	0.95	0.96	0.97
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.93	0.95	0.96	0.97
3	WKEND	0.93	0.93	0.93	0.93	0.95	0.96	0.97
	SEASONAL PROFILE ENTRY	0.93	0.93	0.93	0.93	0.95	0.96	0.97
SEASONAL PROFILE SEASONS		104 Nuc1_20						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
	SEASONAL PROFILE ENTRY	0.97	0.96	1.00	0.98	0.98		
2	WKNIGHT	0.97	0.96	1.00	0.98	0.98		
	SEASONAL PROFILE ENTRY	0.97	0.96	1.00	0.98	0.98		
3	WKEND	0.97	0.96	1.00	0.98	0.98		
	SEASONAL PROFILE ENTRY	0.97	0.96	1.00	0.98	0.98		
SEASONAL PROFILE SEASONS		107 Nuc2_11						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.97	0.98	1.00
2	WKNIGHT	0.96	0.96	0.96	0.96	0.97	0.98	1.00
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.97	0.98	1.00
3	WKEND	0.96	0.96	0.96	0.96	0.97	0.98	1.00
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		107 Nuc2_11						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96		
2	WKNIGHT	0.99	0.98	0.96	0.96	0.96		
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96		
3	WKEND	0.99	0.98	0.96	0.96	0.96		
	SEASONAL PROFILE ENTRY	0.99	0.98	0.96	0.96	0.96		
SEASONAL PROFILE SEASONS		108 Nuc2_12						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
	SEASONAL PROFILE ENTRY							

4-Company East Optimization

SUBPERIODS													
1	WKDAY	0.99	0.99	0.99	0.99	0.99	0.97	0.98	1.00				
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.99	0.99	0.99	0.99	0.99	0.97	0.98	1.00				
SEASONAL PROFILE ENTRY													
3	WKEND	0.99	0.99	0.99	0.99	0.99	0.97	0.98	1.00				
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		108	Nuc2_12										
SUBPERIODS		8	9	10	11	12							
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
1	WKDAY	0.99	0.98	0.96	0.96	0.96	0.96	0.98	1.00				
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.99	0.98	0.96	0.96	0.96	0.96	0.98	1.00				
SEASONAL PROFILE ENTRY													
3	WKEND	0.99	0.98	0.96	0.96	0.96	0.96	0.98	1.00				
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		109	Nuc2_13										
SUBPERIODS		1	2	3	4	5	6	7					
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
1	WKDAY	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00				
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00				
SEASONAL PROFILE ENTRY													
3	WKEND	0.96	0.96	0.96	0.96	0.96	0.97	0.98	1.00				
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS		109	Nuc2_13										
SUBPERIODS		8	9	10	11	12							
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
1	WKDAY	0.99	0.98	0.96	0.92	0.92	0.92	0.92					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.99	0.98	0.96	0.92	0.92	0.92	0.92					
SEASONAL PROFILE ENTRY													
3	WKEND	0.99	0.98	0.96	0.92	0.92	0.92	0.92					
SEASONAL PROFILE ENTRY													

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		110 Nuc2_14						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.96	0.96	0.96	0.96	0.97	0.98	1.00
2 WKNIGHT		0.96	0.96	0.96	0.96	0.97	0.98	1.00
3 WKEND		0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		110 Nuc2_14						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.99	0.98	0.96	0.96	0.96		
2 WKNIGHT		0.99	0.98	0.96	0.96	0.96		
3 WKEND		0.99	0.98	0.96	0.96	0.96		
SEASONAL PROFILE SEASONS		111 Nuc2_15						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.99	0.99	0.99	0.95	0.97	0.98	1.00
2 WKNIGHT		0.99	0.99	0.99	0.95	0.97	0.98	1.00
3 WKEND		0.99	0.99	0.99	0.95	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		111 Nuc2_15						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.99	0.98	0.97	0.96	0.96		
2 WKNIGHT		0.99	0.98	0.97	0.96	0.96		
3 WKEND		0.99	0.98	0.97	0.96	0.96		
SEASONAL PROFILE SEASONS		112 Nuc2_16						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.96	0.96	0.96	0.96	0.97	0.98	1.00
2 WKNIGHT		0.96	0.96	0.96	0.96	0.97	0.98	1.00
3 WKEND		0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		112 Nuc2_16						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.99	0.98	0.97	0.94	0.94		
2 WKNIGHT		0.99	0.98	0.97	0.94	0.94		
3 WKEND		0.99	0.98	0.97	0.94	0.94		
SEASONAL PROFILE SEASONS		113 Nuc2_17						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.99	0.98	0.97	0.94	0.94		
2 WKNIGHT		0.99	0.98	0.97	0.94	0.94		
3 WKEND		0.99	0.98	0.97	0.94	0.94		

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
3	WKEND											
	SEASONAL PROFILE ENTRY	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
SEASONAL PROFILE SEASONS		113 Nuc2_17										
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS		SUBPERIODS										
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
SEASONAL PROFILE SEASONS		114 Nuc2_18										
		JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE
SUBPERIODS		SUBPERIODS										
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SEASONAL PROFILE SEASONS		114 Nuc2_18										
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS		SUBPERIODS										
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		115 Nuc2_19						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.96	0.96	0.96	0.96	0.97	0.98	1.00
2	WKNIGHT	0.96	0.96	0.96	0.96	0.97	0.98	1.00
3	WKEND	0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		115 Nuc2_19						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	1.00	0.98	0.97	0.98	0.98		
2	WKNIGHT	1.00	0.98	0.97	0.98	0.98		
3	WKEND	1.00	0.98	0.97	0.98	0.98		
SEASONAL PROFILE SEASONS		116 Nuc2_20						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.96	0.96	0.96	0.96	0.97	0.98	1.00
2	WKNIGHT	0.96	0.96	0.96	0.96	0.97	0.98	1.00
3	WKEND	0.96	0.96	0.96	0.96	0.97	0.98	1.00
SEASONAL PROFILE SEASONS		116 Nuc2_20						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	1.00	0.98	0.97	0.96	0.96		
2	WKNIGHT	1.00	0.98	0.97	0.96	0.96		
3	WKEND	1.00	0.98	0.97	0.96	0.96		
SEASONAL PROFILE SEASONS		118 Gav12_11						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.96	0.98	0.98	0.99	1.00	1.00	1.00
2	WKNIGHT	0.96	0.98	0.98	0.99	1.00	1.00	1.00
3	WKEND	0.96	0.98	0.98	0.99	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		118 Gav12_11						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	1.00	1.00	1.00	1.00	1.00		
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE SEASONS		119 Gav12_12						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.96	0.97	0.98	0.98	0.99	0.99				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.96	0.97	0.98	0.98	0.99	0.99				
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.96	0.97	0.98	0.98	0.99	0.99				
SEASONAL PROFILE SEASONS		119	Gav12_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
SEASONAL PROFILE SEASONS		121	Gln56_11									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	0.99	0.99	0.99				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	0.99	0.99	0.99				
3	WKEND											
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	0.99	0.99	0.99				
SEASONAL PROFILE SEASONS		121	Gln56_11									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		122 Gln56_12						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	0.98	0.97	0.97	0.96	0.95	0.94
2	WKNIGHT	1.00	0.98	0.97	0.97	0.96	0.95	0.94
3	WKEND	1.00	0.98	0.97	0.97	0.96	0.95	0.94
SEASONAL PROFILE SEASONS		122 Gln56_12						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.94	0.93	0.93	0.93	0.93		
2	WKNIGHT	0.94	0.93	0.93	0.93	0.93		
3	WKEND	0.94	0.93	0.93	0.93	0.93		
SEASONAL PROFILE SEASONS		124 KWR_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	1.00	1.00	1.00	1.00	0.99	0.98
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00	0.99	0.98
3	WKEND	1.00	1.00	1.00	1.00	1.00	0.99	0.98
SEASONAL PROFILE SEASONS		124 KWR_11						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.95	0.94	0.93	0.92	0.92		
2	WKNIGHT	0.95	0.94	0.93	0.92	0.92		
3	WKEND	0.95	0.94	0.93	0.92	0.92		
SEASONAL PROFILE SEASONS		125 KWR_12						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	0.97	0.95	0.93	0.92	0.91	0.90
2	WKNIGHT	1.00	0.97	0.95	0.93	0.92	0.91	0.90
3	WKEND	1.00	0.97	0.95	0.93	0.92	0.91	0.90
SEASONAL PROFILE SEASONS		125 KWR_12						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.89	0.89	0.89	0.89	0.89		
2	WKNIGHT	0.89	0.89	0.89	0.89	0.89		
3	WKEND	0.89	0.89	0.89	0.89	0.89		
SEASONAL PROFILE SEASONS		127 KWR_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	0.89	0.89	0.89	0.89	0.89		
2	WKNIGHT	0.89	0.89	0.89	0.89	0.89		
3	WKEND	0.89	0.89	0.89	0.89	0.89		

4-Company East Optimization

SUBPERIODS												
1	WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE SEASONS												
127 KNWR_11												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY	1.00	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE SEASONS												
128 KNWR_12												
JANUARY 1												
FEBRUARY 2												
MARCH 3												
APRIL 4												
MAY 5												
JUNE 6												
JULY 7												
SUBPERIODS												
1	WKDAY	1.00	0.96	0.94	0.93	0.92	0.91	0.91	0.91	0.91	0.91	0.91
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.96	0.94	0.93	0.92	0.91	0.91	0.91	0.91	0.91	0.91
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.96	0.94	0.93	0.92	0.91	0.91	0.91	0.91	0.91	0.91
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE SEASONS												
128 KNWR_12												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SEASONAL PROFILE ENTRY												
3	WKEND	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
SEASONAL PROFILE ENTRY												

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	131 KYGR_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.96	0.96	0.99	0.96	0.96	0.96	0.96	0.99
2 WKNIGHT	0.96	0.96	0.99	0.96	0.96	0.96	0.96	0.99
3 WKEND	0.96	0.96	0.99	0.96	0.96	0.96	0.96	0.99
SEASONAL PROFILE SEASONS	131 KYGR_11	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	1.00	0.99	0.98	0.98	1.00	1.00		
2 WKNIGHT	1.00	0.99	0.98	0.98	1.00	1.00		
3 WKEND	1.00	0.99	0.98	0.98	1.00	1.00		
SEASONAL PROFILE SEASONS	133 MCH_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00
2 WKNIGHT	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00
3 WKEND	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00
SEASONAL PROFILE SEASONS	133 MCH_11	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	0.99	0.99			
2 WKNIGHT	1.00	1.00	1.00	0.99	0.99			
3 WKEND	1.00	1.00	1.00	0.99	0.99			
SEASONAL PROFILE SEASONS	134 MCH_12	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99
2 WKNIGHT	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99
3 WKEND	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE SEASONS	134 MCH_12	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	1.00	1.00			
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00			
3 WKEND	1.00	1.00	1.00	1.00	1.00			
SEASONAL PROFILE SEASONS	136 WNTF_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	1.00	1.00			
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00			
3 WKEND	1.00	1.00	1.00	1.00	1.00			

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.98	0.97	0.96	0.95				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.98	0.97	0.96	0.95				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.98	0.97	0.96	0.95				
SEASONAL PROFILE SEASONS		136	MNTR_11									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.92	0.89	0.88	0.87						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.92	0.89	0.88	0.87						
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.92	0.89	0.88	0.87						
SEASONAL PROFILE SEASONS		137	MNTR_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.95	0.95	0.95	0.95	0.95	0.96				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.95	0.95	0.95	0.95	0.95	0.96				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.95	0.95	0.95	0.95	0.95	0.96				
SEASONAL PROFILE SEASONS		137	MNTR_12									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.95	0.94	0.92	0.91	0.93						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.95	0.94	0.92	0.91	0.93						
3	WKEND											
SEASONAL PROFILE ENTRY		0.95	0.94	0.92	0.91	0.93						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	139 MSKR_11	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.99	0.99	0.98	0.98	0.98	0.98	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.98	0.98	0.98	0.98	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.98	0.98	0.98	0.98	0.99
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	139 MSKR_11	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.98	0.97		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.98	0.97		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.98	0.97		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	140 MSKR_12	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.99	0.98	0.97	0.97	0.96	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.99	0.98	0.97	0.97	0.96	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.99	0.98	0.97	0.97	0.96	0.96
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	140 MSKR_12	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.95	0.95	0.95	0.95	0.94		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.95	0.95	0.95	0.94		
SEASONAL PROFILE ENTRY								
3 WKEND		0.95	0.95	0.95	0.95	0.94		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	142 MRS_11	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.88	0.93	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.88	0.93	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		0.88	0.93	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	142 MRS_11	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.99	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	143 MRS_12	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.99	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.99	1.00	1.00		
SEASONAL PROFILE ENTRY								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER - GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	146 P5PR_12	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY		1.00	0.98	0.97	0.96	0.95	0.95	0.94
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.98	0.97	0.96	0.95	0.95	0.94
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.97	0.96	0.95	0.95	0.94
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	146 P5PR_12	8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 WKDAY		0.94	0.94	0.94	0.93	0.93		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.94	0.94	0.93	0.93		
SEASONAL PROFILE ENTRY								
3 WKEND		0.94	0.94	0.94	0.93	0.93		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	147	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	147	8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 WKDAY		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	148 PCWY_11	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	148 PCWY_11	8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 WKDAY		0.97	0.96	0.96	0.96	0.95		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.97	0.96	0.96	0.96	0.95		
SEASONAL PROFILE ENTRY								
3 WKEND		0.97	0.96	0.96	0.96	0.95		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	149 PCWY_12	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY		0.97	0.96	0.96	0.96	0.95		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.97	0.96	0.96	0.96	0.95		
SEASONAL PROFILE ENTRY								
3 WKEND		0.97	0.96	0.96	0.96	0.95		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.97	0.93	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.97	0.93	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.97	0.93	
SEASONAL PROFILE												
149 PCWY_12												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.90	0.90	0.89	0.89	0.89	0.89	0.89	0.89			
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.90	0.90	0.89	0.89	0.89	0.89	0.89	0.89			
3	WKEND											
SEASONAL PROFILE ENTRY		0.90	0.90	0.89	0.89	0.89	0.89	0.89	0.89			
SEASONAL PROFILE												
151 ROCK_11												
SEASONS												
JANUARY 1												
FEBRUARY 2												
MARCH 3												
APRIL 4												
MAY 5												
JUNE 6												
JULY 7												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
SEASONAL PROFILE												
151 ROCK_11												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.97	0.97	0.98	0.98	0.98			
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.97	0.97	0.98	0.98	0.98			
3	WKEND											
SEASONAL PROFILE ENTRY		0.99	0.98	0.97	0.97	0.97	0.98	0.98	0.98			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		152 ROCK_12						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	1.00	0.99	0.99	0.98	0.97	0.96	0.95
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.98	0.97	0.96	0.95
2	WKNIGHT	1.00	0.99	0.99	0.98	0.97	0.96	0.95
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.98	0.97	0.96	0.95
3	WKEND	1.00	0.99	0.99	0.98	0.97	0.96	0.95
SEASONAL PROFILE ENTRY		1.00	0.99	0.99	0.98	0.97	0.96	0.95
SEASONAL PROFILE		152 ROCK_12						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SUBPERIODS								
1	WKDAY	0.94	0.94	0.94	0.93	0.94		
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.93	0.94		
2	WKNIGHT	0.94	0.94	0.94	0.93	0.94		
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.93	0.94		
3	WKEND	0.94	0.94	0.94	0.93	0.94		
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.93	0.94		
SEASONAL PROFILE		154 STRT_11						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	0.93	0.95	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE ENTRY		0.93	0.95	0.96	0.97	0.98	0.98	0.99
2	WKNIGHT	0.93	0.95	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE ENTRY		0.93	0.95	0.96	0.97	0.98	0.98	0.99
3	WKEND	0.93	0.95	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE ENTRY		0.93	0.95	0.96	0.97	0.98	0.98	0.99
SEASONAL PROFILE		154 STRT_11						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SUBPERIODS								
1	WKDAY	0.99	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY		0.99	1.00	1.00	1.00	1.00		
2	WKNIGHT	0.99	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY		0.99	1.00	1.00	1.00	1.00		
3	WKEND	0.99	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY		0.99	1.00	1.00	1.00	1.00		
SEASONAL PROFILE		155 STRT_12						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	1.00	0.99	0.98	0.98	0.97	0.97	0.96
SEASONAL PROFILE ENTRY		1.00	0.99	0.98	0.98	0.97	0.97	0.96
2	WKNIGHT	1.00	0.99	0.98	0.98	0.97	0.97	0.96
SEASONAL PROFILE ENTRY		1.00	0.99	0.98	0.98	0.97	0.97	0.96
3	WKEND	1.00	0.99	0.98	0.98	0.97	0.97	0.96
SEASONAL PROFILE ENTRY		1.00	0.99	0.98	0.98	0.97	0.97	0.96
SEASONAL PROFILE		155 STRT_12						
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SUBPERIODS								
1	WKDAY	0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.96		
2	WKNIGHT	0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.96		
3	WKEND	0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE		157 TC123_11						
SEASONS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SUBPERIODS								
1	WKDAY	0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.96		
2	WKNIGHT	0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.96		
3	WKEND	0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY		0.96	0.96	0.96	0.96	0.96		

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		160 TC4_11						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	1.00	1.00	1.00	0.95	0.91	0.88
2	WKNIGHT	1.00	1.00	1.00	1.00	0.95	0.91	0.88
3	WKEND	1.00	1.00	1.00	1.00	0.95	0.91	0.88
SEASONAL PROFILE SEASONS		160 TC4_11						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.87	0.85	0.85	0.85	0.84		
2	WKNIGHT	0.87	0.85	0.85	0.85	0.84		
3	WKEND	0.87	0.85	0.85	0.85	0.84		
SEASONAL PROFILE SEASONS		161 TC4_12						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.99	0.99	0.98	0.97	0.97	0.97
2	WKNIGHT	1.00	0.99	0.99	0.98	0.97	0.97	0.97
3	WKEND	1.00	0.99	0.99	0.98	0.97	0.97	0.97
SEASONAL PROFILE SEASONS		161 TC4_12						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.96	0.96	0.96	0.96	0.97		
2	WKNIGHT	0.96	0.96	0.96	0.96	0.97		
3	WKEND	0.96	0.96	0.96	0.96	0.97		
SEASONAL PROFILE SEASONS		163 ZMR_11						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.89	0.92	0.94	0.95	0.96	0.97	0.98
2	WKNIGHT	0.89	0.92	0.94	0.95	0.96	0.97	0.98
3	WKEND	0.89	0.92	0.94	0.95	0.96	0.97	0.98
SEASONAL PROFILE SEASONS		163 ZMR_11						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.98	0.99	0.99	1.00	1.00		
2	WKNIGHT	0.98	0.99	0.99	1.00	1.00		
3	WKEND	0.98	0.99	0.99	1.00	1.00		
SEASONAL PROFILE SEASONS		164 ZMR_12						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE SEASONS												
164 ZMR_12												
	AUGUST 8		SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
3	WKEND											
	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE SEASONS												
166 CER_11												
	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7					
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.97	0.89	0.88	0.89	0.88	0.89	0.88	0.89	0.90
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.97	0.89	0.88	0.89	0.88	0.89	0.88	0.89	0.90
3	WKEND											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.97	0.89	0.88	0.89	0.88	0.89	0.88	0.89	0.90
SEASONAL PROFILE SEASONS												
166 CER_11												
	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12							
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.93	0.96	1.00						
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.93	0.96	1.00						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.93	0.96	1.00						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		168 DARB_11						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.97	0.97	0.95	0.89	0.88	0.90	0.91
2	WKNIGHT	0.97	0.97	0.95	0.89	0.88	0.90	0.91
3	WKEND	0.97	0.97	0.95	0.89	0.88	0.90	0.91
SEASONAL PROFILE SEASONS		168 DARB_11						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	0.92	0.92	0.93	0.96	1.00		
2	WKNIGHT	0.92	0.92	0.93	0.96	1.00		
3	WKEND	0.92	0.92	0.93	0.96	1.00		
SEASONAL PROFILE SEASONS		170 WATR_11						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.95	0.95	0.92	0.78	0.78	0.79	0.79
2	WKNIGHT	0.95	0.95	0.92	0.78	0.78	0.79	0.79
3	WKEND	0.95	0.95	0.92	0.78	0.78	0.79	0.79
SEASONAL PROFILE SEASONS		170 WATR_11						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	0.80	0.81	0.82	0.97	1.00		
2	WKNIGHT	0.80	0.81	0.82	0.97	1.00		
3	WKEND	0.80	0.81	0.82	0.97	1.00		
SEASONAL PROFILE SEASONS		171 CDW_12						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	1.00	1.00	0.97	0.87	0.86	0.87	0.88
2	WKNIGHT	1.00	1.00	0.97	0.87	0.86	0.87	0.88
3	WKEND	1.00	1.00	0.97	0.87	0.86	0.87	0.88
SEASONAL PROFILE SEASONS		171 CDW_12						
SUBPERIODS		8	9	10	11	12		
1	WKDAY	0.89	0.90	0.91	0.95	0.99		
2	WKNIGHT	0.89	0.90	0.91	0.95	0.99		
3	WKEND	0.89	0.90	0.91	0.95	0.99		
SEASONAL PROFILE SEASONS		172 CDW_13						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.89	0.90	0.91	0.95	0.99		
2	WKNIGHT	0.89	0.90	0.91	0.95	0.99		
3	WKEND	0.89	0.90	0.91	0.95	0.99		
SEASONAL PROFILE SEASONS		172 CDW_13						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.89	0.90	0.91	0.95	0.99		
2	WKNIGHT	0.89	0.90	0.91	0.95	0.99		
3	WKEND	0.89	0.90	0.91	0.95	0.99		
SEASONAL PROFILE SEASONS		172 CDW_13						
SUBPERIODS		1	2	3	4	5	6	7
1	WKDAY	0.89	0.90	0.91	0.95	0.99		
2	WKNIGHT	0.89	0.90	0.91	0.95	0.99		
3	WKEND	0.89	0.90	0.91	0.95	0.99		

4-Company East Optimization

SUBPERIODS		172 CDW_13						
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.86	0.85	0.83	0.80	0.80	0.83	0.86
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.86	0.85	0.83	0.80	0.80	0.83	0.86
SEASONAL PROFILE ENTRY								
3	WKEND	0.86	0.85	0.83	0.80	0.80	0.83	0.86
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		173 CDW_14						
		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	0.98	0.93	0.88	0.87	0.88	0.89
SEASONAL PROFILE ENTRY								
2	WKNIGHT	1.00	0.98	0.93	0.88	0.87	0.88	0.89
SEASONAL PROFILE ENTRY								
3	WKEND	1.00	0.98	0.93	0.88	0.87	0.88	0.89
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS		173 CDW_14						
		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3	WKEND	0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

		174 CDW_15						
		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE SEASONS								
SUBPERIODS								
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
SEASONAL PROFILE SEASONS		174 CDW_15						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
3	WKEND	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
SEASONAL PROFILE SEASONS		175 CDW_16						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
SEASONAL PROFILE SEASONS		175 CDW_16						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
3	WKEND	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
SEASONAL PROFILE SEASONS		176 CDW_17						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.88	0.89
	SEASONAL PROFILE ENTRY							
SEASONAL PROFILE SEASONS		176 CDW_17						
SUBPERIODS		8	9	10	11	12		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
3	WKEND	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
SEASONAL PROFILE SEASONS		177 CDW_18						
SUBPERIODS		1	2	3	4	5	6	7
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							
3	WKEND	0.89	0.88	0.89	0.94	0.98		
	SEASONAL PROFILE ENTRY							

4-Company Fast Optimization

SUBPERIODS		177 CDW_18														
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER										
		8	9	10	11	12										
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89								
SEASONAL PROFILE ENTRY																
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89								
SEASONAL PROFILE ENTRY																
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89								
SEASONAL PROFILE ENTRY																
SEASONAL PROFILE SEASONS		177 CDW_18														
SUBPERIODS																
1	WKDAY	0.89	0.88	0.89	0.94	0.98										
SEASONAL PROFILE ENTRY																
2	WKNIGHT	0.89	0.88	0.89	0.94	0.98										
SEASONAL PROFILE ENTRY																
3	WKEND	0.89	0.88	0.89	0.94	0.98										
SEASONAL PROFILE ENTRY																
SEASONAL PROFILE SEASONS		178 DRES_09														
SUBPERIODS																
1	WKDAY	0.85	0.85	0.85	0.83	0.84	0.85	0.87								
SEASONAL PROFILE ENTRY																
2	WKNIGHT	0.85	0.85	0.85	0.83	0.84	0.85	0.87								
SEASONAL PROFILE ENTRY																
3	WKEND	0.85	0.85	0.85	0.83	0.84	0.85	0.87								
SEASONAL PROFILE ENTRY																
SEASONAL PROFILE SEASONS		178 DRES_09														
SUBPERIODS																
1	WKDAY	0.88	0.88	0.90	0.95	1.00										
SEASONAL PROFILE ENTRY																
2	WKNIGHT	0.88	0.88	0.90	0.95	1.00										
SEASONAL PROFILE ENTRY																
3	WKEND	0.88	0.88	0.90	0.95	1.00										
SEASONAL PROFILE ENTRY																

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	184 DRES_18	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.98	0.90	0.85	0.83	0.85	0.86
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.98	0.90	0.85	0.83	0.85	0.86
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.90	0.85	0.83	0.85	0.86
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	184 DRES_18	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.86	0.85	0.86	0.93	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.86	0.85	0.86	0.93	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.86	0.85	0.86	0.93	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	185 DRES_161	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.98	0.90	0.85	0.83	0.85	0.86
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.98	0.90	0.85	0.83	0.85	0.86
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.90	0.85	0.83	0.85	0.86
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	185 DRES_161	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.86	0.85	0.86	0.93	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.86	0.85	0.86	0.93	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.86	0.85	0.86	0.93	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	186 DRES_20	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.98	0.90	0.85	0.84	0.85	0.86
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.98	0.90	0.85	0.84	0.85	0.86
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.90	0.85	0.84	0.85	0.86
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	186 DRES_20	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	187 DRES_18	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	187 DRES_18	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.86	0.85	0.87	0.93	0.96		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS												
1	WKDAY	1.00	0.98	0.91	0.87	0.85	0.86	0.88				
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.98	0.91	0.87	0.85	0.86	0.88				
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.98	0.91	0.87	0.85	0.86	0.88				
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE		187 DRES_18										
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
SUBPERIODS												
1	WKDAY	0.88	0.87	0.88	0.94	0.97						
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.88	0.87	0.88	0.94	0.97						
SEASONAL PROFILE ENTRY												
3	WKEND	0.88	0.87	0.88	0.94	0.97						
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE		188 DRES_19										
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
SUBPERIODS												
1	WKDAY	1.00	0.99	0.91	0.87	0.85	0.86	0.88				
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.99	0.91	0.87	0.85	0.86	0.88				
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.99	0.91	0.87	0.85	0.86	0.88				
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE		188 DRES_19										
SEASONS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
SUBPERIODS												
1	WKDAY	0.88	0.87	0.88	0.94	0.97						
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.88	0.87	0.88	0.94	0.97						
SEASONAL PROFILE ENTRY												
3	WKEND	0.88	0.87	0.88	0.94	0.97						
SEASONAL PROFILE ENTRY												

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		189 DRES_20						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	0.99	0.91	0.87	0.85	0.86	0.88
2 WKNIGHT		1.00	0.99	0.91	0.87	0.85	0.86	0.88
3 WKEND		1.00	0.99	0.91	0.87	0.85	0.86	0.88
SEASONAL PROFILE SEASONS		189 DRES_20						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.88	0.87	0.88	0.94	0.97		
2 WKNIGHT		0.88	0.87	0.88	0.94	0.97		
3 WKEND		0.88	0.87	0.88	0.94	0.97		
SEASONAL PROFILE SEASONS		191 LMRG_11						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.99	0.99	0.96	0.85	0.84	0.85	0.86
2 WKNIGHT		0.99	0.99	0.96	0.85	0.84	0.85	0.86
3 WKEND		0.99	0.99	0.96	0.85	0.84	0.85	0.86
SEASONAL PROFILE SEASONS		192 LMRG_12						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	1.00	0.97	0.84	0.84	0.85	0.86
2 WKNIGHT		1.00	1.00	0.97	0.84	0.84	0.85	0.86
3 WKEND		1.00	1.00	0.97	0.84	0.84	0.85	0.86
SEASONAL PROFILE SEASONS		192 LMRG_12						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.86	0.87	0.88	0.95	0.99		
2 WKNIGHT		0.86	0.87	0.88	0.95	0.99		
3 WKEND		0.86	0.87	0.88	0.95	0.99		
SEASONAL PROFILE SEASONS		193 LMRG_13						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.86	0.87	0.88	0.95	0.99		
2 WKNIGHT		0.86	0.87	0.88	0.95	0.99		
3 WKEND		0.86	0.87	0.88	0.95	0.99		

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.85	0.85	0.83	0.80	0.80	0.82	0.86				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.85	0.85	0.83	0.80	0.80	0.82	0.86				
3	WKEND											
	SEASONAL PROFILE ENTRY	0.85	0.85	0.83	0.80	0.80	0.82	0.86				
SEASONAL PROFILE SEASONS		193 IMRG_13										
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.87	0.87	0.90	0.97	1.00						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.87	0.87	0.90	0.97	1.00						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.87	0.87	0.90	0.97	1.00						
SEASONAL PROFILE SEASONS		194 IMRG_14										
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY				
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
SEASONAL PROFILE SEASONS		194 IMRG_14										
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER						
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	195 LMRG_15	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
2 WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
3 WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
SEASONAL PROFILE SEASONS	195 LMRG_15	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE SEASONS	196 LMRG_16	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
2 WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
3 WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
SEASONAL PROFILE SEASONS	196 LMRG_16	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE SEASONS	197 LMRG_17	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
2 WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
3 WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
SEASONAL PROFILE SEASONS	197 LMRG_17	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE SEASONS	198 LMRG_18	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE SEASONS	198 LMRG_18	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
3 WKEND	0.89	0.88	0.89	0.94	0.98			

4-Company East Optimization

SUBPERIODS		198 IMRG_18											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JULY
		8	9	10	11	12							7
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89					
SEASONAL PROFILE ENTRY													
2	WKNIIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89					
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS													
SUBPERIODS		199 IMRG_19											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY					
		1	2	3	4	5	6	7					
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89					
SEASONAL PROFILE ENTRY													
2	WKNIIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89					
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89					
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS													
SUBPERIODS		199 IMRG_19											
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
		8	9	10	11	12							
1	WKDAY	0.89	0.88	0.89	0.94	0.98	0.98	0.98					
SEASONAL PROFILE ENTRY													
2	WKNIIGHT	0.89	0.88	0.89	0.94	0.98	0.98	0.98					
SEASONAL PROFILE ENTRY													
3	WKEND	0.89	0.88	0.89	0.94	0.98	0.98	0.98					
SEASONAL PROFILE ENTRY													

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	1.00	0.97	0.89	0.88	0.89	0.88	0.89	0.90		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	1.00	0.97	0.89	0.88	0.89	0.88	0.89	0.90		
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	1.00	0.97	0.89	0.88	0.89	0.88	0.89	0.90		
SEASONAL PROFILE SEASONS												
204 RMONE_12												
	AUGUST 8		SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
1	WKDAY	0.91	0.91	0.92	0.95	0.99						
	SEASONAL PROFILE ENTRY	0.91	0.91	0.92	0.95	0.99						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.92	0.95	0.99						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.91	0.91	0.92	0.95	0.99						
SEASONAL PROFILE SEASONS												
205 RMONE_13												
	JANUARY 1		FEBRUARY 2	MARCH 3	APRIL 4	MAY 5						
1	WKDAY	0.85	0.85	0.83	0.80	0.80						
	SEASONAL PROFILE ENTRY	0.85	0.85	0.83	0.80	0.80						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.85	0.85	0.83	0.80	0.80						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.85	0.85	0.83	0.80	0.80						
SEASONAL PROFILE SEASONS												
205 RMONE_13												
	AUGUST 8		SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
1	WKDAY	0.87	0.87	0.90	0.97	1.00						
	SEASONAL PROFILE ENTRY	0.87	0.87	0.90	0.97	1.00						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.87	0.87	0.90	0.97	1.00						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.87	0.87	0.90	0.97	1.00						

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
SEASONAL PROFILE SEASONS												
209 RMONE_17												
	AUGUST 8		SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12						
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
SEASONAL PROFILE SEASONS												
210 RMONE_18												
	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7					
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
SEASONAL PROFILE SEASONS												
210 RMONE_18												
	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12							
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	211 RMONE_19	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		1.00	0.98	0.93	0.88	0.86	0.87	0.89
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.98	0.93	0.88	0.86	0.87	0.89
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.93	0.88	0.86	0.87	0.89
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	211 RMONE_19	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	212 RMONE_20	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		1.00	0.98	0.93	0.88	0.86	0.87	0.89
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.98	0.93	0.88	0.86	0.87	0.89
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.93	0.88	0.86	0.87	0.89
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	212 RMONE_20	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.89	0.88	0.89	0.94	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	213 RMONE_21	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		1.00	0.98	0.93	0.89	0.88	0.89	0.90
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.98	0.93	0.89	0.88	0.89	0.90
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.98	0.93	0.89	0.88	0.89	0.90
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	213 RMONE_21	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	215 DOMT_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	215 DOMT_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.90	0.89	0.90	0.95	0.98		
SEASONAL PROFILE ENTRY								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		217 DOMI_13						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	0.98	0.94	0.89	0.88	0.88	0.90
2 WKNIGHT		1.00	0.98	0.94	0.89	0.88	0.88	0.90
3 WKEND		1.00	0.98	0.94	0.89	0.88	0.88	0.90
SEASONAL PROFILE SEASONS		217 DOMI_13						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.90	0.89	0.90	0.94	0.96		
2 WKNIGHT		0.90	0.89	0.90	0.94	0.96		
3 WKEND		0.90	0.89	0.90	0.94	0.96		
SEASONAL PROFILE SEASONS		218 DOMI_14						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	0.99	0.95	0.91	0.90	0.90	0.92
2 WKNIGHT		1.00	0.99	0.95	0.91	0.90	0.90	0.92
3 WKEND		1.00	0.99	0.95	0.91	0.90	0.90	0.92
SEASONAL PROFILE SEASONS		218 DOMI_14						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.92	0.91	0.92	0.95	0.97		
2 WKNIGHT		0.92	0.91	0.92	0.95	0.97		
3 WKEND		0.92	0.91	0.92	0.95	0.97		
SEASONAL PROFILE SEASONS		219 DOMI_15						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	0.99	0.95	0.92	0.90	0.91	0.92
2 WKNIGHT		1.00	0.99	0.95	0.92	0.90	0.91	0.92
3 WKEND		1.00	0.99	0.95	0.92	0.90	0.91	0.92
SEASONAL PROFILE SEASONS		219 DOMI_15						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.92	0.91	0.92	0.95	0.97		
2 WKNIGHT		0.92	0.91	0.92	0.95	0.97		
3 WKEND		0.92	0.91	0.92	0.95	0.97		
SEASONAL PROFILE SEASONS		220 DOMI_16						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.92	0.91	0.92	0.95	0.97		
2 WKNIGHT		0.92	0.91	0.92	0.95	0.97		
3 WKEND		0.92	0.91	0.92	0.95	0.97		

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	227 DOMI_23	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.94
2 WKNIGHT	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.94
3 WKEND	1.00	0.99	0.96	0.94	0.93	0.93	0.93	0.94
SEASONAL PROFILE SEASONS	227 DOMI_23	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
3 WKEND	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE SEASONS	228 DOMI_24	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.94
2 WKNIGHT	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.94
3 WKEND	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.94
SEASONAL PROFILE SEASONS	228 DOMI_24	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.93	0.94	0.96	0.98			
2 WKNIGHT	0.94	0.93	0.94	0.96	0.98			
3 WKEND	0.94	0.93	0.94	0.96	0.98			
SEASONAL PROFILE SEASONS	229 DOMI_25	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.94
2 WKNIGHT	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.94
3 WKEND	1.00	0.99	0.97	0.94	0.93	0.93	0.93	0.94
SEASONAL PROFILE SEASONS	229 DOMI_25	8	9	10	11	12		
SUBPERIODS								
1 WKDAY	0.94	0.94	0.94	0.97	0.98			
2 WKNIGHT	0.94	0.94	0.94	0.97	0.98			
3 WKEND	0.94	0.94	0.94	0.97	0.98			
SEASONAL PROFILE SEASONS	230 DOMI_26	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY	0.94	0.94	0.94	0.97	0.98			
2 WKNIGHT	0.94	0.94	0.94	0.97	0.98			
3 WKEND	0.94	0.94	0.94	0.97	0.98			

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.93	0.93	0.94				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.93	0.93	0.94				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.93	0.93	0.94				
SEASONAL PROFILE												
SEASONS												
230 DOMI_26												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.96	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.96	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.96	0.98						
SEASONAL PROFILE												
SEASONS												
231 DOMI_27												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
SEASONAL PROFILE												
SEASONS												
231 DOMI_27												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.97	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.97	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.94	0.94	0.97	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE 232 DOMI_28
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.94 0.94 0.94 0.94 0.95
 2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.94 0.94 0.94 0.94 0.95
 3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.94 0.94 0.94 0.94 0.95

SEASONAL PROFILE 232 DOMI_28
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98
 3 WKEND SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98

SEASONAL PROFILE 233 DOMI_29
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.95 0.94 0.94 0.95
 2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.95 0.94 0.94 0.95
 3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.95 0.94 0.94 0.95

SEASONAL PROFILE 233 DOMI_29
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98
 3 WKEND SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98

SEASONAL PROFILE 234 DOMI_30
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.95 0.94 0.94 0.95
 2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.95 0.94 0.94 0.95
 3 WKEND SEASONAL PROFILE ENTRY 1.00 0.99 0.97 0.95 0.94 0.94 0.95

SEASONAL PROFILE 234 DOMI_30
SEASONS AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98
 3 WKEND SEASONAL PROFILE ENTRY 0.95 0.94 0.95 0.97 0.97 0.98

SEASONAL PROFILE 235 DOMI_31
SEASONS JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.94	0.94	0.95	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.94	0.94	0.95	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.95	0.94	0.94	0.94	0.94	0.94	0.95	
SEASONAL PROFILE												
SEASONS												
235 DOMI_31												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.95	0.94	0.95	0.97	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.95	0.94	0.95	0.97	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.95	0.94	0.95	0.97	0.98						
SEASONAL PROFILE												
SEASONS												
236 DOMI_32												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.95	0.94	0.95	0.95	0.95	0.95	0.95	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.95	0.94	0.95	0.95	0.95	0.95	0.95	
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.99	0.97	0.95	0.94	0.95	0.95	0.95	0.95	0.95	
SEASONAL PROFILE												
SEASONS												
236 DOMI_32												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.95	0.95	0.95	0.97	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.95	0.95	0.95	0.97	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.95	0.95	0.95	0.97	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		237 DOMT_33											
SEASONS		JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7											
SUBPERIODS													
1	WKDAY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
2	WKNIGHT	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
3	WKEND	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
SEASONAL PROFILE		237 DOMT_33											
SEASONS		AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12											
SUBPERIODS													
1	WKDAY	0.95	0.95	0.95	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
2	WKNIGHT	0.95	0.95	0.95	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
3	WKEND	0.95	0.95	0.95	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE		238 DOMT_34											
SEASONS		JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7											
SUBPERIODS													
1	WKDAY	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
2	WKNIGHT	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
3	WKEND	1.00	0.99	0.97	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
SEASONAL PROFILE		238 DOMT_34											
SEASONS		AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12											
SUBPERIODS													
1	WKDAY	0.96	0.95	0.96	0.97	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
2	WKNIGHT	0.96	0.95	0.96	0.97	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
3	WKEND	0.96	0.95	0.96	0.97	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE		239 DOMT_35											
SEASONS		JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7											
SUBPERIODS													
1	WKDAY	1.00	0.99	0.98	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
2	WKNIGHT	1.00	0.99	0.98	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
3	WKEND	1.00	0.99	0.98	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96
SEASONAL PROFILE		239 DOMT_35											
SEASONS		AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11 DECEMBER 12											
SUBPERIODS													
1	WKDAY	0.96	0.95	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
2	WKNIGHT	0.96	0.95	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
3	WKEND	0.96	0.95	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE		240 DOMT_36											
SEASONS		JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7											
SUBPERIODS													
1	WKDAY	0.96	0.95	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
2	WKNIGHT	0.96	0.95	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
3	WKEND	0.96	0.95	0.96	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE		240 DOMT_36											
SEASONS		JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7											
SUBPERIODS													

4-Company East Optimization

SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	1.00	0.99	0.98	0.96	0.95	0.95	0.96	0.96	0.96	0.96	0.96
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.99	0.98	0.96	0.95	0.95	0.96	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.99	0.98	0.96	0.95	0.95	0.96	0.96	0.95	0.95	0.96
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
240 DOMI_36												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	0.96	0.95	0.96	0.98	0.99	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.96	0.95	0.96	0.98	0.99	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
3	WKEND	0.96	0.95	0.96	0.98	0.99	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
241 DOMI_37												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	1.00	0.99	0.98	0.96	0.95	0.96	0.95	0.95	0.95	0.96	0.96
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.99	0.98	0.96	0.95	0.96	0.95	0.95	0.95	0.96	0.96
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.99	0.98	0.96	0.95	0.96	0.95	0.95	0.95	0.96	0.96
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
241 DOMI_37												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	0.96	0.96	0.96	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.96	0.96	0.96	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
3	WKEND	0.96	0.96	0.96	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
	SEASONAL PROFILE SEASONS	246	AM2_11									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
3	WKEND											
	SEASONAL PROFILE ENTRY	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
	SEASONAL PROFILE SEASONS	248	CD1_11									
SUBPERIODS												
	SEASONAL PROFILE SEASONS	248	CD1_11									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	250							
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	250							
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	252							
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	253							
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	253							
SUBPERIODS								
1 WKDAY	5.01	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	5.01	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
3 WKEND	5.01	5.00	5.00	5.00	5.00	5.00	5.00	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	254							
SUBPERIODS								
1 WKDAY	105	1	2	3	4	5	6	
SEASONAL PROFILE ENTRY		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	
2 WKNIGHT								
SEASONAL PROFILE ENTRY								
3 WKEND								
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS		254 COOKI_13											
SEASONAL PROFILE ENTRY		AUGUST 8											
1 WKDAY		SEPTEMBER 9											
2 WKNIGHT		OCTOBER 10											
3 WKEND		NOVEMBER 11											
SEASONAL PROFILE SEASONS		DECEMBER 12											
1	WKDAY	5.00	4.99	5.01	5.03	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2	WKNIGHT	5.00	4.99	5.01	5.03	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	WKEND	5.00	4.99	5.01	5.03	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE SEASONS		255 COOKI_14											
SUBPERIODS		AUGUST 8											
1 WKDAY		SEPTEMBER 9											
2 WKNIGHT		OCTOBER 10											
3 WKEND		NOVEMBER 11											
SEASONAL PROFILE SEASONS		DECEMBER 12											
1	WKDAY	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2	WKNIGHT	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	261 COOKI_20	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2 WKNIGHT	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE SEASONS	261 COOKI_20	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00		
2 WKNIGHT	5.00	5.00	5.00	5.00	5.00	5.00		
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00		
SEASONAL PROFILE SEASONS	264 NOX 11	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	485.00	485.00	485.00	485.00	485.00	530.00	530.00	530.00
2 WKNIGHT	485.00	485.00	485.00	485.00	485.00	530.00	530.00	530.00
3 WKEND	485.00	485.00	485.00	485.00	485.00	530.00	530.00	530.00
SEASONAL PROFILE SEASONS	264 NOX 11	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	530.00	530.00	485.00	485.00	485.00	485.00		
2 WKNIGHT	530.00	530.00	485.00	485.00	485.00	485.00		
3 WKEND	530.00	530.00	485.00	485.00	485.00	485.00		
SEASONAL PROFILE SEASONS	265 NOX 12	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	800.00	800.00	800.00	800.00	2400.00	2400.00	2400.00	2400.00
2 WKNIGHT	800.00	800.00	800.00	800.00	2400.00	2400.00	2400.00	2400.00
3 WKEND	800.00	800.00	800.00	800.00	2400.00	2400.00	2400.00	2400.00
SEASONAL PROFILE SEASONS	265 NOX 12	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	2400.00	2400.00	800.00	800.00	800.00	800.00		
2 WKNIGHT	2400.00	2400.00	800.00	800.00	800.00	800.00		
3 WKEND	2400.00	2400.00	800.00	800.00	800.00	800.00		
SEASONAL PROFILE SEASONS	266 NOX 13	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	800.00	800.00	800.00	800.00	800.00	800.00		
2 WKNIGHT	800.00	800.00	800.00	800.00	800.00	800.00		
3 WKEND	800.00	800.00	800.00	800.00	800.00	800.00		

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		700.00	700.00	700.00	700.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		700.00	700.00	700.00	700.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
3	WKEND											
SEASONAL PROFILE ENTRY		700.00	700.00	700.00	700.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
SEASONAL PROFILE SEASONS		266	NOX 13									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		2000.00	2000.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		2000.00	2000.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00
3	WKEND											
SEASONAL PROFILE ENTRY		2000.00	2000.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00
SEASONAL PROFILE SEASONS		267	NOX 14									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		600.00	600.00	600.00	600.00	600.00	1600.00	1600.00	1600.00	1600.00	1600.00	1600.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		600.00	600.00	600.00	600.00	600.00	1600.00	1600.00	1600.00	1600.00	1600.00	1600.00
3	WKEND											
SEASONAL PROFILE ENTRY		600.00	600.00	600.00	600.00	600.00	1600.00	1600.00	1600.00	1600.00	1600.00	1600.00
SEASONAL PROFILE SEASONS		267	NOX 14									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1600.00	1600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1600.00	1600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00
3	WKEND											
SEASONAL PROFILE ENTRY		1600.00	1600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	200.00	200.00	200.00	200.00	600.00	600.00	600.00	600.00	600.00		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	200.00	200.00	200.00	200.00	600.00	600.00	600.00	600.00	600.00		
3	WKEND											
	SEASONAL PROFILE ENTRY	200.00	200.00	200.00	200.00	600.00	600.00	600.00	600.00	600.00		
	SEASONAL PROFILE SEASONS	271	NOX 18									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	600.00	600.00	200.00	200.00	200.00	200.00	200.00	200.00			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	600.00	600.00	200.00	200.00	200.00	200.00	200.00	200.00			
3	WKEND											
	SEASONAL PROFILE ENTRY	600.00	600.00	200.00	200.00	200.00	200.00	200.00	200.00			
	SEASONAL PROFILE SEASONS	272	NOX 19									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	100.00	100.00	100.00	100.00	100.00	200.00	200.00	200.00	200.00		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	100.00	100.00	100.00	100.00	100.00	200.00	200.00	200.00	200.00		
3	WKEND											
	SEASONAL PROFILE ENTRY	100.00	100.00	100.00	100.00	100.00	200.00	200.00	200.00	200.00		
	SEASONAL PROFILE SEASONS	272	NOX 19									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	200.00	200.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	200.00	200.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
3	WKEND											
	SEASONAL PROFILE ENTRY	200.00	200.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	273 NOX 20	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 WKNIGHT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 WKEND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL PROFILE SEASONS	273 NOX 20	8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 WKDAY	0.00	0.00	0.00	0.00	0.00	0.00		
2 WKNIGHT	0.00	0.00	0.00	0.00	0.00	0.00		
3 WKEND	0.00	0.00	0.00	0.00	0.00	0.00		
SEASONAL PROFILE SEASONS	274 BECK_12	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00
2 WKNIGHT	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00
3 WKEND	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00
SEASONAL PROFILE SEASONS	274 BECK_12	8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 WKDAY	1.00	1.00	1.00	1.00	1.00	1.00		
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00		
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE SEASONS	275 BIGS_12	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY	1.00	0.99	0.99	0.98	0.97	0.97	0.97	0.96
2 WKNIGHT	1.00	0.99	0.99	0.98	0.97	0.97	0.97	0.96
3 WKEND	1.00	0.99	0.99	0.98	0.97	0.97	0.97	0.96
SEASONAL PROFILE SEASONS	275 BIGS_12	8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1 WKDAY	0.96	0.96	0.96	0.96	0.97	0.97		
2 WKNIGHT	0.96	0.96	0.96	0.96	0.97	0.97		
3 WKEND	0.96	0.96	0.96	0.96	0.97	0.97		
SEASONAL PROFILE SEASONS	277 COOK2_11	1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1 WKDAY	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.96
2 WKNIGHT	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.96
3 WKEND	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.96

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	279 COOK2_13	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2 WKNIGHT	5.00	5.01	5.00	5.00	5.00	5.00	5.00	4.99
3 WKEND	5.00	5.01	5.00	5.00	5.00	5.00	5.00	4.99
SEASONAL PROFILE SEASONS	279 COOK2_13	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00		
2 WKNIGHT	5.00	5.00	5.00	5.01	5.00	5.00		
3 WKEND	5.00	5.00	5.00	5.01	5.01	5.00		
SEASONAL PROFILE SEASONS	280 COOK2_14	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2 WKNIGHT	5.00	5.00	5.00	5.00	5.01	5.01	5.00	5.00
3 WKEND	5.00	5.00	5.00	5.00	5.01	5.01	5.00	5.00
SEASONAL PROFILE SEASONS	280 COOK2_14	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00		
2 WKNIGHT	5.00	4.99	5.00	5.01	5.00	5.00		
3 WKEND	5.00	4.99	5.00	5.01	5.01	5.00		
SEASONAL PROFILE SEASONS	281 COOK2_15	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2 WKNIGHT	5.00	5.00	5.01	5.02	5.00	5.00	5.00	5.00
3 WKEND	5.00	5.00	5.01	5.02	5.00	5.00	5.00	5.00
SEASONAL PROFILE SEASONS	281 COOK2_15	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00		
2 WKNIGHT	5.00	5.00	5.00	5.00	5.00	5.00		
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00		
SEASONAL PROFILE SEASONS	282 COOK2_16	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	5.00	5.00	5.00	5.00	5.00	5.00		
2 WKNIGHT	5.00	5.00	5.00	5.00	5.00	5.00		
3 WKEND	5.00	5.00	5.00	5.00	5.00	5.00		
SEASONAL PROFILE SEASONS	282 COOK2_16	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	WKEND											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE												
282 COOK2_16												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	4.99	5.00	5.00	5.00	5.00	5.00	5.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	WKEND											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
SEASONAL PROFILE												
283 COOK2_17												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	4.99	5.00	5.00	5.00	5.00	5.00	5.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	WKEND											
SEASONAL PROFILE ENTRY		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

4-Company East Optimization

SUBPERIODS												
1	WKDAY		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
2	WKNIGHT		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
3	WKEND		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE SEASONS												
		290 R_BS_11	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12					
SUBPERIODS												
1	WKDAY		0.99	0.99	0.99	0.99	1.00					
SEASONAL PROFILE ENTRY												
2	WKNIGHT		0.99	0.99	0.99	0.99	1.00					
SEASONAL PROFILE ENTRY												
3	WKEND		0.99	0.99	0.99	0.99	1.00					
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE SEASONS												
		291 BIGS_12	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7			
SUBPERIODS												
1	WKDAY		1.00	1.00	1.00	0.98	0.98	0.97	0.97			
SEASONAL PROFILE ENTRY												
2	WKNIGHT		1.00	1.00	1.00	0.98	0.98	0.97	0.97			
SEASONAL PROFILE ENTRY												
3	WKEND		1.00	1.00	1.00	0.98	0.98	0.97	0.97			
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE SEASONS												
		291 BIGS_12	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12					
SUBPERIODS												
1	WKDAY		0.97	0.98	0.99	0.98	0.99					
SEASONAL PROFILE ENTRY												
2	WKNIGHT		0.97	0.98	0.99	0.98	0.99					
SEASONAL PROFILE ENTRY												
3	WKEND		0.97	0.98	0.99	0.98	0.99					
SEASONAL PROFILE ENTRY												

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	293 R_CDI_11	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.88
2 WKNIGHT	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.88
3 WKEND	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.88
SEASONAL PROFILE SEASONS	293 R_CDI_11							
SUBPERIODS								
1 WKDAY	0.96	0.97	0.97	0.97	1.00	1.00		
2 WKNIGHT	0.96	0.97	0.97	0.97	1.00	1.00		
3 WKEND	0.96	0.97	0.97	0.97	1.00	1.00		
SEASONAL PROFILE SEASONS	294 R_CDI_12							
SUBPERIODS								
1 WKDAY	0.99	0.99	0.99	1.00	0.97	0.97	0.98	1.00
2 WKNIGHT	0.99	0.99	0.99	1.00	0.97	0.97	0.98	1.00
3 WKEND	0.99	0.99	0.99	1.00	0.97	0.97	0.98	1.00
SEASONAL PROFILE SEASONS	294 R_CDI_12							
SUBPERIODS								
1 WKDAY	0.99	0.96	0.96	0.96	0.96	0.96		
2 WKNIGHT	0.99	0.96	0.96	0.96	0.96	0.96		
3 WKEND	0.99	0.96	0.96	0.96	0.96	0.96		
SEASONAL PROFILE SEASONS	296 R_CD2_11							
SUBPERIODS								
1 WKDAY	0.98	0.98	0.98	0.98	0.98	0.98	0.98	1.00
2 WKNIGHT	0.98	0.98	0.98	0.98	0.98	0.98	0.98	1.00
3 WKEND	0.98	0.98	0.98	0.98	0.98	0.98	0.98	1.00
SEASONAL PROFILE SEASONS	296 R_CD2_11							
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	1.00	1.00	1.00		
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00		
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE SEASONS	297 R_CD2_12							
SUBPERIODS								
1 WKDAY	1.00	1.00	1.00	1.00	1.00	1.00		
2 WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00		
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00		

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.98	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.98	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99
3	WKEND											
	SEASONAL PROFILE ENTRY	0.98	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99
SEASONAL PROFILE												
SEASONS												
297 R_CDZ_12												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00		
3	WKEND											
	SEASONAL PROFILE ENTRY	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE												
SEASONS												
300 R_CLR_11												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.79	0.79	0.79	0.92	0.92	0.92	0.92	0.92	0.92		
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.79	0.79	0.79	0.92	0.92	0.92	0.92	0.92	0.92		
3	WKEND											
	SEASONAL PROFILE ENTRY	0.79	0.79	0.79	0.92	0.92	0.92	0.92	0.92	0.92		
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.94	0.96	0.99	0.94	1.00						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.94	0.96	0.99	0.94	1.00						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.94	0.96	0.99	0.94	1.00						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		301 R_CLR_12						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.00	1.00	1.00	0.99	0.99	0.99	1.00
2 WKNIGHT		1.00	1.00	1.00	0.99	0.99	0.99	1.00
3 WKEND		1.00	1.00	1.00	0.99	0.99	0.99	1.00
SEASONAL PROFILE SEASONS		301 R_CLR_12						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	0.99		
2 WKNIGHT		1.00	1.00	1.00	1.00	0.99		
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	0.99		
3 WKEND		1.00	1.00	1.00	1.00	0.99		
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	0.99		
SEASONAL PROFILE SEASONS		303 R_CV3_11						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.99	0.99	0.97	0.99
2 WKNIGHT		1.00	1.00	1.00	0.99	0.99	0.97	0.99
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.99	0.99	0.97	0.99
3 WKEND		1.00	1.00	1.00	0.99	0.99	0.97	0.99
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	0.99	0.99	0.97	0.99
SEASONAL PROFILE SEASONS		303 R_CV3_11						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	1.00		
2 WKNIGHT		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	1.00		
3 WKEND		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE SEASONS		304 R_CV3_12						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.97	0.97	0.97	0.99
2 WKNIGHT		0.98	0.98	0.98	0.97	0.97	0.97	0.99
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.97	0.97	0.97	0.99
3 WKEND		0.98	0.98	0.98	0.97	0.97	0.97	0.99
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.97	0.97	0.97	0.99
SEASONAL PROFILE SEASONS		304 R_CV3_12						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	1.00		
2 WKNIGHT		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	1.00		
3 WKEND		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE SEASONS		306 R_CV5_11						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00
2 WKNIGHT		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.95	0.95	0.95	0.94	0.92	0.98	0.99				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.95	0.95	0.95	0.94	0.92	0.98	0.99				
3	WKENDD											
SEASONAL PROFILE ENTRY		0.95	0.95	0.95	0.94	0.92	0.98	0.99				
SEASONAL PROFILE SEASONS												
306 R_CV5_11												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	0.99	1.00					
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	0.99	1.00					
3	WKENDD											
SEASONAL PROFILE ENTRY		0.99	0.99	0.99	0.99	1.00						
SEASONAL PROFILE SEASONS												
307 R_CV5_12												
	JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE	6
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	0.97	0.98	0.99	0.96	0.99				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	0.97	0.98	0.99	0.96	0.99				
3	WKENDD											
SEASONAL PROFILE ENTRY		1.00	1.00	0.97	0.98	0.99	0.96	0.99				
SEASONAL PROFILE SEASONS												
307 R_CV5_12												
	AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY											
SEASONAL PROFILE ENTRY		0.98	1.00	1.00	0.99	1.00						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.98	1.00	1.00	0.99	1.00						
3	WKENDD											
SEASONAL PROFILE ENTRY		0.98	1.00	1.00	0.99	1.00						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE 309 R_GVL_11 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.96 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.99
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.96 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.99
 3 WKEND SEASONAL PROFILE ENTRY 0.96 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.99

SEASONAL PROFILE 309 R_GVL_11 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 0.99
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 0.99
 3 WKEND SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 0.99

SEASONAL PROFILE 310 R_GVL_12 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.95 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.95 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
 3 WKEND SEASONAL PROFILE ENTRY 0.95 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE 310 R_GVL_12 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00 1.00
 2 WKNIGHT SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00 1.00
 3 WKEND SEASONAL PROFILE ENTRY 1.00 1.00 1.00 1.00 1.00 1.00

SEASONAL PROFILE 312 R_GLS_11 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
 3 WKEND SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99

SEASONAL PROFILE 312 R_GLS_11 8 AUGUST 9 SEPTEMBER 10 OCTOBER 11 NOVEMBER 12 DECEMBER

SUBPERIODS

1 WKDAY SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 1.00
 2 WKNIGHT SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 1.00
 3 WKEND SEASONAL PROFILE ENTRY 0.99 0.99 0.99 0.99 0.99 1.00

SEASONAL PROFILE 313 R_GLS_12 1 JANUARY 2 FEBRUARY 3 MARCH 4 APRIL 5 MAY 6 JUNE 7 JULY

SUBPERIODS

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.89	0.89	0.89	0.87	0.87	0.87	0.87	0.87	0.87	0.89	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.89	0.89	0.89	0.87	0.87	0.87	0.87	0.87	0.87	0.89	
3	WKEND											
SEASONAL PROFILE ENTRY		0.89	0.89	0.89	0.87	0.87	0.87	0.87	0.87	0.87	0.89	
SEASONAL PROFILE												
313 R_GL5_12												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.89	0.89	0.89	0.89	0.89	0.90					
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.89	0.89	0.89	0.89	0.89	0.90					
3	WKEND											
SEASONAL PROFILE ENTRY		0.89	0.89	0.89	0.89	0.89	0.90					
SEASONAL PROFILE												
315 R_MTN_11												
SEASONS												
JANUARY 1												
FEBRUARY 2												
MARCH 3												
APRIL 4												
MAY 5												
JUNE 6												
JULY 7												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
3	WKEND											
SEASONAL PROFILE ENTRY		0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
SEASONAL PROFILE												
315 R_MTN_11												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.98	0.98	1.00	1.00	1.00	1.00					
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.98	0.98	1.00	1.00	1.00	1.00					
3	WKEND											
SEASONAL PROFILE ENTRY		0.98	0.98	1.00	1.00	1.00	1.00					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	316 R_MTN_12	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.98	0.94	0.98	0.98	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.98	0.94	0.98	0.98	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		0.98	0.94	0.98	0.98	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	316 R_MTN_12	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.98	0.97	0.92	0.94	0.98		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.98	0.97	0.92	0.94	0.98		
SEASONAL PROFILE ENTRY								
3 WKEND		0.98	0.97	0.92	0.94	0.98		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	318 R_KMR_11	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	1.00	1.00	0.99	0.99	0.99	0.97
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	0.99	0.99	0.99	0.97
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	0.99	0.99	0.99	0.97
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	319 R_KMR_12	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	1.00	1.00	0.99	1.00	0.99	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	0.99	1.00	0.99	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	0.99	1.00	0.99	0.99
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	319 R_KMR_12	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	321 R_KMA_11	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.99	0.99	1.00		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		321	R_KWA_11									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99			
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99			
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99			
SEASONAL PROFILE SEASONS		322	R_KWA_12									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		322	R_KWA_12									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		324 R_MIT_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	0.94	0.97	1.00	0.98	0.98	0.99
2	WKNIGHT	1.00	0.94	0.97	1.00	0.98	0.98	0.99
3	WKEND	1.00	0.94	0.97	1.00	0.98	0.98	0.99
SEASONAL PROFILE SEASONS		324 R_MIT_11						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.99	0.98	0.95	0.94	0.96		
2	WKNIGHT	0.99	0.98	0.95	0.94	0.96		
3	WKEND	0.99	0.98	0.95	0.94	0.96		
SEASONAL PROFILE SEASONS		325 R_MIT_12						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	0.99	0.96	0.93	0.97	0.99	0.99
2	WKNIGHT	1.00	0.99	0.96	0.93	0.97	0.99	0.99
3	WKEND	1.00	0.99	0.96	0.93	0.97	0.99	0.99
SEASONAL PROFILE SEASONS		325 R_MIT_12						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.99	0.99	0.99	1.00	0.98		
2	WKNIGHT	0.99	0.99	0.99	1.00	0.98		
3	WKEND	0.99	0.99	0.99	1.00	0.98		
SEASONAL PROFILE SEASONS		327 MRI-4_11						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	1.00	0.89	0.89	0.89	0.89	0.89	0.89
2	WKNIGHT	1.00	0.89	0.89	0.89	0.89	0.89	0.89
3	WKEND	1.00	0.89	0.89	0.89	0.89	0.89	0.89
SEASONAL PROFILE SEASONS		327 MRI-4_11						
SUBPERIODS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
1	WKDAY	0.89	0.89	0.89	0.89	0.89		
2	WKNIGHT	0.89	0.89	0.89	0.89	0.89		
3	WKEND	0.89	0.89	0.89	0.89	0.89		
SEASONAL PROFILE SEASONS		328 MRI-4_12						
SUBPERIODS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
1	WKDAY	0.89	0.89	0.89	0.89	0.89		
2	WKNIGHT	0.89	0.89	0.89	0.89	0.89		
3	WKEND	0.89	0.89	0.89	0.89	0.89		

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.92	0.88	0.91	0.89	0.89	0.89	0.88			
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.92	0.88	0.91	0.89	0.89	0.89	0.88			
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.92	0.88	0.91	0.89	0.89	0.89	0.88			
SEASONAL PROFILE SEASONS		328	MRI-4_12									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.88	0.90	0.90	0.89	0.89	0.89	0.89				
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.88	0.90	0.90	0.89	0.89	0.89	0.89				
3	WKEND											
	SEASONAL PROFILE ENTRY	0.88	0.90	0.90	0.89	0.89	0.89	0.89				
SEASONAL PROFILE SEASONS		330	R_MRS_11									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.99	1.00	0.96	0.98	0.98	0.98	0.99			
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.99	1.00	0.96	0.98	0.98	0.98	0.99			
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.99	1.00	0.96	0.98	0.98	0.98	0.99			
SEASONAL PROFILE SEASONS		330	R_MRS_11									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.98	0.99	0.99	0.99	0.99				
2	WKNIIGHT											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.98	0.99	0.99	0.99	0.99				
3	WKEND											
	SEASONAL PROFILE ENTRY	0.99	0.98	0.98	0.99	0.99	0.99	0.99				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	331 R_MRS_12	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		1.00		1.00		1.00		0.98		0.98		0.98	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		1.00		1.00		1.00		1.00		0.98		0.98		0.98	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		1.00		1.00		1.00		0.98		0.98		0.98	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	331 R_MRS_12	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		0.98		0.98		0.99		0.99		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		0.98		0.98		0.99		0.99		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
3 WKEND		0.98		0.98		0.99		0.99		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	333 SPRN_11	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		0.91		0.91		0.91		0.91		0.91		0.91		0.91	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		0.91		0.91		0.91		0.91		0.91		0.91		0.91	
SEASONAL PROFILE ENTRY															
3 WKEND		0.91		0.91		0.91		0.91		0.91		0.91		0.91	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	333 SPRN_11	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		1.00		0.93		0.93		0.93		0.94		0.94		0.94	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		1.00		0.93		0.93		0.93		0.94		0.94		0.94	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		0.93		0.93		0.93		0.94		0.94		0.94	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	334 SPRN_12	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	334 SPRN_12	8	AUGUST	9	SEPTEMBER	10	OCTOBER	11	NOVEMBER	12	DECEMBER				
SUBPERIODS															
1 WKDAY		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	337 R_RCK_11	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
SEASONAL PROFILE SEASONS	337 R_RCK_11	1	JANUARY	2	FEBRUARY	3	MARCH	4	APRIL	5	MAY	6	JUNE	7	JULY
SUBPERIODS															
1 WKDAY		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
2 WKNTGHT		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															
3 WKEND		1.00		1.00		1.00		1.00		1.00		1.00		1.00	
SEASONAL PROFILE ENTRY															

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		340 R_TNR_11														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
1	WKDAY	0.99	0.99	0.99	0.99	0.99	0.99	1.00	0.99	0.99	0.99	0.99	0.99	0.99	1.00	
2	WKNIGHT	0.99	0.99	0.99	0.99	0.99	0.99	1.00	0.99	0.99	0.99	0.99	0.99	0.99	1.00	
3	WKEND	0.99	0.99	0.99	0.99	0.99	0.99	1.00	0.99	0.99	0.99	0.99	0.99	0.99	1.00	
SEASONAL PROFILE SEASONS		340 R_TNR_11														
SUBPERIODS		8	9	10	11	12	8	9	10	11	12	8	9	10	11	12
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	WKDAY	0.99	0.99	0.98	0.98	0.96	0.99	0.99	0.98	0.98	0.96	0.99	0.99	0.98	0.98	0.96
2	WKNIGHT	0.99	0.99	0.98	0.98	0.96	0.99	0.99	0.98	0.98	0.96	0.99	0.99	0.98	0.98	0.96
3	WKEND	0.99	0.99	0.98	0.98	0.96	0.99	0.99	0.98	0.98	0.96	0.99	0.99	0.98	0.98	0.96
SEASONAL PROFILE SEASONS		341 R_TNR_12														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
1	WKDAY	0.98	0.97	0.97	0.98	1.00	0.98	0.96	0.98	0.97	0.97	0.98	1.00	0.98	0.96	
2	WKNIGHT	0.98	0.97	0.97	0.98	1.00	0.98	0.96	0.98	0.97	0.97	0.98	1.00	0.98	0.96	
3	WKEND	0.98	0.97	0.97	0.98	1.00	0.98	0.96	0.98	0.97	0.97	0.98	1.00	0.98	0.96	
SEASONAL PROFILE SEASONS		343 R_Tc4_11														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
1	WKDAY	0.91	0.91	0.91	0.89	0.96	0.98	0.98	0.91	0.91	0.91	0.89	0.96	0.98	0.98	
2	WKNIGHT	0.91	0.91	0.91	0.89	0.96	0.98	0.98	0.91	0.91	0.91	0.89	0.96	0.98	0.98	
3	WKEND	0.91	0.91	0.91	0.89	0.96	0.98	0.98	0.91	0.91	0.91	0.89	0.96	0.98	0.98	
SEASONAL PROFILE SEASONS		343 R_Tc4_11														
SUBPERIODS		8	9	10	11	12	8	9	10	11	12	8	9	10	11	12
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	WKDAY	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00
2	WKNIGHT	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00
3	WKEND	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00
SEASONAL PROFILE SEASONS		344 R_Tc4_12														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
1	WKDAY	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00
2	WKNIGHT	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00
3	WKEND	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00	0.97	0.98	0.96	0.96	1.00
SEASONAL PROFILE SEASONS		131														

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.99	1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.99	1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
3	WKEND											
	SEASONAL PROFILE ENTRY	0.99	1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
SEASONAL PROFILE SEASONS												
344 R_TC4_12												
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.97	1.00						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.97	1.00						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.98	0.98	0.98	0.97	1.00						
SEASONAL PROFILE SEASONS												
345 WATER_12												
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	1.00	0.97	0.79	0.78	0.79	0.80				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	1.00	0.97	0.79	0.78	0.79	0.80				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	1.00	0.97	0.79	0.78	0.79	0.80				
SEASONAL PROFILE SEASONS												
345 WATER_12												
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.80	0.81	0.82	0.96	0.99						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.80	0.81	0.82	0.96	0.99						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.80	0.81	0.82	0.96	0.99						

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	346 EMIS_03	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.67	0.81	0.92	0.92	0.87	0.93	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.67	0.81	0.92	0.92	0.87	0.93	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	346 EMIS_03	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.97	0.76	0.74	0.78	0.81		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.97	0.76	0.74	0.78	0.81		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	347 EMIS_04	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.96	0.92	0.90	0.84	0.80	0.89	0.99
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.96	0.92	0.90	0.84	0.80	0.89	0.99
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	348 EMIS_05	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.78	0.71	0.85	0.68	0.66	0.79	0.96
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.78	0.71	0.85	0.68	0.66	0.79	0.96
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	349 EMIS_06	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.92	0.81	0.74	0.97	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.92	0.81	0.74	0.97	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	349 EMIS_06	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.92	0.81	0.74	0.97	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.92	0.81	0.74	0.97	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	349 EMIS_06	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.92	0.81	0.74	0.97	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.92	0.81	0.74	0.97	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								

4-Company East Optimization

SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	0.93	0.91	0.60	0.51	0.63	0.89			
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	0.93	0.91	0.60	0.51	0.63	0.89			
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		SEASONAL PROFILE SEASONS	349 EMIS_06									
SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	0.89	0.59	0.65	0.83	0.89					
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.89	0.59	0.65	0.83	0.89					
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		SEASONAL PROFILE SEASONS	350 EMIS_07									
SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	0.93	0.95	0.65	0.56	0.63	0.96			
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	0.93	0.95	0.65	0.56	0.63	0.96			
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		SEASONAL PROFILE SEASONS	350 EMIS_07									
SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	0.97	0.63	0.62	0.76	0.84					
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.97	0.63	0.62	0.76	0.84					
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		SEASONAL PROFILE SEASONS	350 EMIS_07									
SUBPERIODS												
			AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER					
			8	9	10	11	12					
			1	2	3	4	5	6	7			
			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = CAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		351 EMIS_08													
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY							
1	WKDAY	1.00	0.92	0.98	0.65	0.50	0.61	0.90							
2	WKNIGHT	1.00	0.92	0.98	0.65	0.50	0.61	0.90							
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
SEASONAL PROFILE SEASONS		351 EMIS_08													
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER									
1	WKDAY	0.90	0.56	0.55	0.68	0.75									
2	WKNIGHT	0.90	0.56	0.55	0.68	0.75									
3	WKEND	1.00	1.00	1.00	1.00	1.00									
SEASONAL PROFILE SEASONS		352 EMIS_09													
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY							
1	WKDAY	0.98	0.92	0.96	0.70	0.55	0.70	1.00							
2	WKNIGHT	0.98	0.92	0.96	0.70	0.55	0.70	1.00							
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
SEASONAL PROFILE SEASONS		352 EMIS_09													
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER									
1	WKDAY	1.00	0.64	0.67	0.80	0.87									
2	WKNIGHT	1.00	0.64	0.67	0.80	0.87									
3	WKEND	1.00	1.00	1.00	1.00	1.00									
SEASONAL PROFILE SEASONS		353 EMIS_10													
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY							
1	WKDAY	1.00	0.94	0.96	0.68	0.53	0.72	1.00							
2	WKNIGHT	1.00	0.94	0.96	0.68	0.53	0.72	1.00							
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
SEASONAL PROFILE SEASONS		353 EMIS_10													
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER									
1	WKDAY	1.00	0.62	0.68	0.81	0.87									
2	WKNIGHT	1.00	0.62	0.68	0.81	0.87									
3	WKEND	1.00	1.00	1.00	1.00	1.00									
SEASONAL PROFILE SEASONS		354 EMIS_11													
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY							
1	WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
SEASONAL PROFILE SEASONS		354 EMIS_11													
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY							
1	WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
SEASONAL PROFILE SEASONS		354 EMIS_11													
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY							
1	WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00							
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00							

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.99	0.92	0.96	0.71	0.54	0.73	1.00				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.99	0.92	0.96	0.71	0.54	0.73	1.00				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		354 EMIS_11										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.60	0.66	0.79	0.87						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.60	0.66	0.79	0.87						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		355 EMIS_12										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.99	0.91	0.96	0.68	0.53	0.73	1.00				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.99	0.91	0.96	0.68	0.53	0.73	1.00				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		355 EMIS_12										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.98	0.58	0.66	0.78	0.85						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.98	0.58	0.66	0.78	0.85						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	356 EMIS_13	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.97	0.92	0.95	0.70	0.51	0.66	0.98	
2 WKNIGHT	0.97	0.92	0.95	0.70	0.51	0.66	0.98	
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE SEASONS	356 EMIS_13	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	1.00	0.62	0.63	0.77	0.85			
2 WKNIGHT	1.00	0.62	0.63	0.77	0.85			
3 WKEND	1.00	1.00	1.00	1.00	1.00			
SEASONAL PROFILE SEASONS	357 EMIS_14	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.99	0.94	0.97	0.71	0.51	0.68	0.99	
2 WKNIGHT	0.99	0.94	0.97	0.71	0.51	0.68	0.99	
3 WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE SEASONS	357 EMIS_14	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	1.00	0.61	0.63	0.76	0.86			
2 WKNIGHT	1.00	0.61	0.63	0.76	0.86			
3 WKEND	1.00	1.00	1.00	1.00	1.00			
SEASONAL PROFILE SEASONS	358 CDW_19	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
2 WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
3 WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
SEASONAL PROFILE SEASONS	358 CDW_19	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE SEASONS	360 AM3_CFT11	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY								
2 WKNIGHT								
3 WKEND								
SEASONAL PROFILE SEASONS	137							

4-Company East Optimization

SUBPERIODS																					
1	WKDAY																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
2	WKNIGHT																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
3	WKEND																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	SEASONAL PROFILE SEASONS	360 AM3_CP11																			
	SUBPERIODS																				
1	WKDAY																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
2	WKNIGHT																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
3	WKEND																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	SEASONAL PROFILE SEASONS	361 AM3_CP12																			
	SUBPERIODS																				
	SEASONAL PROFILE SEASONS																				
	SUBPERIODS																				
1	WKDAY																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
2	WKNIGHT																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
3	WKEND																				
	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.86	0.85	0.83	0.80	0.80	0.83	0.86				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.86	0.85	0.83	0.80	0.80	0.83	0.86				
3	WKEND											
SEASONAL PROFILE ENTRY		0.86	0.85	0.83	0.80	0.80	0.83	0.86				
SEASONAL PROFILE SEASONS		366	DAR_13									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.87	0.88	0.90	0.97	1.00						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.87	0.88	0.90	0.97	1.00						
3	WKEND											
SEASONAL PROFILE ENTRY		0.87	0.88	0.90	0.97	1.00						
SEASONAL PROFILE SEASONS		367	DAR_14									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.87	0.88	0.89				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.87	0.88	0.89				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.98	0.93	0.88	0.87	0.88	0.89				
SEASONAL PROFILE SEASONS		367	DAR_14									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.94	0.98						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.94	0.98						
3	WKEND											
SEASONAL PROFILE ENTRY		0.89	0.88	0.89	0.94	0.98						

4-Company Fast Optimization

SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
SEASONAL PROFILE SEASONS		371	DAR_18									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
SEASONAL PROFILE SEASONS		372	DAR_19									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
3	WKEND											
	SEASONAL PROFILE ENTRY	1.00	0.98	0.93	0.88	0.86	0.87	0.89				
SEASONAL PROFILE SEASONS		372	DAR_19									
SUBPERIODS												
1	WKDAY											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
2	WKNIGHT											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						
3	WKEND											
	SEASONAL PROFILE ENTRY	0.89	0.88	0.89	0.94	0.98						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	373 DAR_20	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.98	0.93	0.88	0.86	0.87	0.89	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	373 DAR_20	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	374 WTR_13	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.86	0.85	0.83	0.80	0.80	0.83	0.86	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.86	0.85	0.83	0.80	0.80	0.83	0.86	
SEASONAL PROFILE ENTRY								
3 WKEND	0.86	0.85	0.83	0.80	0.80	0.83	0.86	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	374 WTR_13	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	0.87	0.88	0.90	0.97	1.00			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.87	0.88	0.90	0.97	1.00			
SEASONAL PROFILE ENTRY								
3 WKEND	0.87	0.88	0.90	0.97	1.00			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	375 WTR_14	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	1.00	0.98	0.93	0.88	0.87	0.88	0.89	
SEASONAL PROFILE ENTRY								
2 WKNIGHT	1.00	0.98	0.93	0.88	0.87	0.88	0.89	
SEASONAL PROFILE ENTRY								
3 WKEND	1.00	0.98	0.93	0.88	0.87	0.88	0.89	
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	375 WTR_14	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	376 WTR_15	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	376 WTR_15	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
2 WKNIGHT	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								
3 WKEND	0.89	0.88	0.89	0.94	0.98			
SEASONAL PROFILE ENTRY								

SUBPERIODS		381 WTR_20																		
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
		8	9	10	11	12							1	2	3	4	5	6	7	
1	WKDAY	1.00	0.98	0.93	0.88	0.86	0.87	0.89												
SEASONAL PROFILE ENTRY																				
2	WKNIGHT	1.00	0.98	0.93	0.88	0.86	0.87	0.89												
SEASONAL PROFILE ENTRY																				
3	WKENDD	1.00	0.98	0.93	0.88	0.86	0.87	0.89												
SEASONAL PROFILE ENTRY																				
SEASONAL PROFILE SEASONS		383 R_AM1_11																		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
		8	9	10	11	12							1	2	3	4	5	6	7	
1	WKDAY	0.98	0.98	1.00	1.00	0.97	0.96	0.92												
SEASONAL PROFILE ENTRY																				
2	WKNIGHT	0.98	0.98	1.00	1.00	0.97	0.96	0.92												
SEASONAL PROFILE ENTRY																				
3	WKENDD	0.98	0.98	1.00	1.00	0.97	0.96	0.92												
SEASONAL PROFILE ENTRY																				
SEASONAL PROFILE SEASONS		383 R_AM1_11																		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	
		8	9	10	11	12							1	2	3	4	5	6	7	
1	WKDAY	0.89	0.86	0.84	0.84	0.96														
SEASONAL PROFILE ENTRY																				
2	WKNIGHT	0.89	0.86	0.84	0.84	0.96														
SEASONAL PROFILE ENTRY																				
3	WKENDD	0.89	0.86	0.84	0.84	0.96														
SEASONAL PROFILE ENTRY																				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE	384 R_AM1_12	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.97	0.97	0.90	0.94	0.95	0.94
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.97	0.97	0.90	0.94	0.95	0.94
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.97	0.97	0.90	0.94	0.95	0.94
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	384 R_AM1_12							
SEASONS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.95	0.94	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.94	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.95	0.94	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	386 R_AM2_11							
SEASONS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.98	0.98	1.00	1.00	0.97	0.96	0.92
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.98	0.98	1.00	1.00	0.97	0.96	0.92
SEASONAL PROFILE ENTRY								
3 WKEND		0.98	0.98	1.00	1.00	0.97	0.96	0.92
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	386 R_AM2_11							
SEASONS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.89	0.86	0.84	0.84	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.89	0.86	0.84	0.84	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.89	0.86	0.84	0.84	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	387 R_AM2_12							
SEASONS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.97	0.97	0.90	0.94	0.95	0.94
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.97	0.97	0.90	0.94	0.95	0.94
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	0.97	0.97	0.90	0.94	0.95	0.94
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	387 R_AM2_12							
SEASONS		AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.95	0.94	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.95	0.94	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY								
3 WKEND		0.95	0.94	0.96	0.96	0.96		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE	389 R_AM3_11							
SEASONS		JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY								
SEASONAL PROFILE ENTRY								
2 WKNIGHT								
SEASONAL PROFILE ENTRY								
3 WKEND								
SEASONAL PROFILE ENTRY								

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.99	0.98	0.99	1.00	0.97	0.96	0.92				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.99	0.98	0.99	1.00	0.97	0.96	0.92				
3	WKEND											
SEASONAL PROFILE ENTRY		0.99	0.98	0.99	1.00	0.97	0.96	0.92				
SEASONAL PROFILE												
SEASONS												
389 R_AM3_11												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.89	0.86	0.86	0.86	0.86	0.86	0.94				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.89	0.86	0.86	0.86	0.86	0.86	0.94				
3	WKEND											
SEASONAL PROFILE ENTRY		0.89	0.86	0.86	0.86	0.86	0.86	0.94				
SEASONAL PROFILE												
SEASONS												
390 R_AM3_12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.96	0.97	0.88	0.94	0.94	0.93				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.96	0.97	0.88	0.94	0.94	0.93				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.96	0.97	0.88	0.94	0.94	0.93				
SEASONAL PROFILE												
SEASONS												
390 R_AM3_12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.93	0.95	0.96	0.96	0.96	0.96				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.93	0.95	0.96	0.96	0.96	0.96				
3	WKEND											
SEASONAL PROFILE ENTRY		0.94	0.93	0.95	0.96	0.96	0.96	0.96				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	392 R_CD3_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.99	0.99	0.99	0.99	0.99	0.99	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.99	0.99	0.99	0.99	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.99	0.99	0.99	0.99	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	392 R_CD3_11	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	393 R_CD3_12	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.99	0.99	0.99	0.99	0.99	0.99	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.99	0.99	0.99	0.99	0.99	0.99	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		0.99	0.99	0.99	0.99	0.99	0.99	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	393 R_CD3_12	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	395 R_PWS_11	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	395 R_PWS_11	8	9	10	11	12		
SUBPERIODS								
1 WKDAY		0.78	0.78	0.78	0.78	0.78		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.78	0.78	0.78	0.78	0.78		
SEASONAL PROFILE ENTRY								
3 WKEND		0.78	0.78	0.78	0.78	0.78		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	396 R_PWS_12	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		0.78	0.78	0.78	0.78	0.78		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.78	0.78	0.78	0.78	0.78		
SEASONAL PROFILE ENTRY								
3 WKEND		0.78	0.78	0.78	0.78	0.78		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	396 R_PWS_12	1	2	3	4	5	6	7
SUBPERIODS								
1 WKDAY		1.49						

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Wkend											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		396 R_PWS_12										
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Wkend											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		440 Emis_15										
		JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5	JUNE
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.95	0.89	0.92	0.67	0.50	0.66	0.96				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.95	0.89	0.92	0.67	0.50	0.66	0.96				
3	Wkend											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
SEASONAL PROFILE SEASONS		440 Emis_15										
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.95	0.57	0.61	0.73	1.00						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.95	0.57	0.61	0.73	1.00						
3	Wkend											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00						

4-Company East Optimization

SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	0.94	0.86	0.58	0.45	0.59	0.85			
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	0.94	0.86	0.58	0.45	0.59	0.85			
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
SEASONAL PROFILE		SEASONS	444	Emis_19								
SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	0.85	0.51	0.54	0.70	0.78					
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.85	0.51	0.54	0.70	0.78					
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00					
SEASONAL PROFILE		SEASONS	445	Emis_20								
SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	1.00	0.94	0.94	0.64	0.50	0.68	0.97			
2	WKNIGHT	SEASONAL PROFILE ENTRY	1.00	0.94	0.94	0.64	0.50	0.68	0.97			
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
SEASONAL PROFILE		SEASONS	445	Emis_20								
SUBPERIODS												
1	WKDAY	SEASONAL PROFILE ENTRY	0.94	0.56	0.60	0.80	0.94					
2	WKNIGHT	SEASONAL PROFILE ENTRY	0.94	0.56	0.60	0.80	0.94					
3	WKEND	SEASONAL PROFILE ENTRY	1.00	1.00	1.00	1.00	1.00					
SEASONAL PROFILE		SEASONS	445	Emis_20								
SUBPERIODS												
			AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12
			JANUARY	1	FEBRUARY	2	MARCH	3	APRIL	4	MAY	5
												JUNE
												JULY

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE		446 Emiss_21						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.94	0.94	0.64	0.50	0.68	0.97
2	WKNIGHT	1.00	0.94	0.94	0.64	0.50	0.68	0.97
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		446 Emiss_21						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.94	0.56	0.60	0.80	0.94		
2	WKNIGHT	0.94	0.56	0.60	0.80	0.94		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE		447 Emiss_22						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.94	0.94	0.64	0.50	0.68	0.97
2	WKNIGHT	1.00	0.94	0.94	0.64	0.50	0.68	0.97
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		447 Emiss_22						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.94	0.56	0.60	0.80	0.94		
2	WKNIGHT	0.94	0.56	0.60	0.80	0.94		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE		448 Emiss_23						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.94	0.94	0.64	0.50	0.46	0.97
2	WKNIGHT	1.00	0.94	0.94	0.64	0.50	0.46	0.97
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		448 Emiss_23						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	0.94	0.56	0.60	0.80	0.94		
2	WKNIGHT	0.94	0.56	0.60	0.80	0.94		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE		449 Emiss_24						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	WKNIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		449	Emis_24									
SEASONS		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		450	Emis_25									
SEASONS		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12	
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		451 Emts_26														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
SEASONAL PROFILE SEASONS		452 Emts_27														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
SEASONAL PROFILE SEASONS		453 Emts_28														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
SEASONAL PROFILE SEASONS		454 Emts_29														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
1	WKDAY	0.95	0.89	1.00	0.61	0.46	0.64	0.92	1.00	0.94	0.56	0.94	0.64	0.50	0.68	0.97
2	WKNIGHT	0.95	0.89	1.00	0.61	0.46	0.64	0.92	1.00	0.94	0.56	0.94	0.64	0.50	0.68	0.97
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE SEASONS		451 Emts_26														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
1	WKDAY	0.89	0.53	0.57	0.76	0.90	0.89	0.53	0.57	0.76	0.90					
2	WKNIGHT	0.89	0.53	0.57	0.76	0.90	0.89	0.53	0.57	0.76	0.90					
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					
SEASONAL PROFILE SEASONS		452 Emts_27														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
1	WKDAY	1.00	0.94	0.94	0.64	0.50	0.68	0.97	1.00	0.94	0.94	0.64	0.50	0.68	0.97	
2	WKNIGHT	1.00	0.94	0.94	0.64	0.50	0.68	0.97	1.00	0.94	0.94	0.64	0.50	0.68	0.97	
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE SEASONS		453 Emts_28														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
1	WKDAY	1.00	0.94	0.94	0.64	0.50	0.68	0.97	1.00	0.94	0.94	0.64	0.50	0.68	0.97	
2	WKNIGHT	1.00	0.94	0.94	0.64	0.50	0.68	0.97	1.00	0.94	0.94	0.64	0.50	0.68	0.97	
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
SEASONAL PROFILE SEASONS		454 Emts_29														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
1	WKDAY	0.94	0.56	0.60	0.80	0.94	0.94	0.56	0.60	0.80	0.94					
2	WKNIGHT	0.94	0.56	0.60	0.80	0.94	0.94	0.56	0.60	0.80	0.94					
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					
SEASONAL PROFILE SEASONS		454 Emts_29														
SUBPERIODS		1	2	3	4	5	6	7	1	2	3	4	5	6	7	
1	WKDAY	0.94	0.56	0.60	0.80	0.94	0.94	0.56	0.60	0.80	0.94					
2	WKNIGHT	0.94	0.56	0.60	0.80	0.94	0.94	0.56	0.60	0.80	0.94					
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00					

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
3	Wkend											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
SEASONAL PROFILE												
454 Emis_29												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
3	Wkend											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00						
SEASONAL PROFILE												
455 Emis_30												
SEASONS												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
3	Wkend											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS	456 Emts_31	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.94	0.94	0.64	0.50	0.68	0.97
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.94	0.94	0.64	0.50	0.68	0.97
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	456 Emts_31	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	457 Emts_32	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		1.00	0.94	0.94	0.64	0.50	0.68	0.97
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.94	0.94	0.64	0.50	0.68	0.97
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	458 Emts_33	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		1.00	0.94	0.94	0.64	0.50	0.68	0.97
SEASONAL PROFILE ENTRY								
2 WKNIGHT		1.00	0.94	0.94	0.64	0.50	0.68	0.97
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	458 Emts_33	AUGUST 8	SEPTEMBER 9	OCTOBER 10	NOVEMBER 11	DECEMBER 12		
SUBPERIODS								
1 WKDAY		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	459 Emts_34	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								
SEASONAL PROFILE SEASONS	459 Emts_34	JANUARY 1	FEBRUARY 2	MARCH 3	APRIL 4	MAY 5	JUNE 6	JULY 7
SUBPERIODS								
1 WKDAY		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
2 WKNIGHT		0.94	0.56	0.60	0.80	0.94		
SEASONAL PROFILE ENTRY								
3 WKEND		1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE ENTRY								

4-Company Past Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00	1.00	1.00				
SEASONAL PROFILE SEASONS		459 Emls_34										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00						
SEASONAL PROFILE SEASONS		460 Emls_35										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.94	0.94	0.64	0.50	0.68	0.97				
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00						
SEASONAL PROFILE SEASONS		460 Emls_35										
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.94	0.56	0.60	0.80	0.94						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	1.00	1.00	1.00	1.00						

SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	0.80	0.68	0.64	0.56	0.54	0.83	0.88				
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.80	0.68	0.64	0.56	0.54	0.83	0.88				
SEASONAL PROFILE ENTRY												
3	WKEND	0.80	0.68	0.64	0.56	0.54	0.83	0.88				
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
468 EE_2014												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	1.00	0.73	0.61	0.78	0.82						
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.73	0.61	0.78	0.82						
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.73	0.61	0.78	0.82						
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
469 EE_2015												
JANUARY 1												
FEBRUARY 2												
MARCH 3												
APRIL 4												
MAY 5												
JUNE 6												
JULY 7												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	0.82	0.66	0.62	0.52	0.52	0.78	0.85				
SEASONAL PROFILE ENTRY												
2	WKNIGHT	0.82	0.66	0.62	0.52	0.52	0.78	0.85				
SEASONAL PROFILE ENTRY												
3	WKEND	0.82	0.66	0.62	0.52	0.52	0.78	0.85				
SEASONAL PROFILE ENTRY												
SEASONAL PROFILE												
SEASONS												
469 EE_2015												
AUGUST 8												
SEPTEMBER 9												
OCTOBER 10												
NOVEMBER 11												
DECEMBER 12												
SUBPERIODS												
SEASONAL PROFILE ENTRY												
1	WKDAY	1.00	0.69	0.56	0.74	0.79						
SEASONAL PROFILE ENTRY												
2	WKNIGHT	1.00	0.69	0.56	0.74	0.79						
SEASONAL PROFILE ENTRY												
3	WKEND	1.00	0.69	0.56	0.74	0.79						
SEASONAL PROFILE ENTRY												

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		470 EE_2016						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.83	0.67	0.65	0.53	0.53	0.82	0.94
2 WKNIGHT		0.83	0.67	0.65	0.53	0.53	0.82	0.94
3 WKEND		0.83	0.67	0.65	0.53	0.53	0.82	0.94
SEASONAL PROFILE SEASONS		470 EE_2016						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		1.00	0.68	0.61	0.77	0.81		
2 WKNIGHT		1.00	0.68	0.61	0.77	0.81		
3 WKEND		1.00	0.68	0.61	0.77	0.81		
SEASONAL PROFILE SEASONS		471 EE_2017						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.84	0.72	0.69	0.58	0.61	0.92	1.00
2 WKNIGHT		0.84	0.72	0.69	0.58	0.61	0.92	1.00
3 WKEND		0.84	0.72	0.69	0.58	0.61	0.92	1.00
SEASONAL PROFILE SEASONS		471 EE_2017						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.98	0.70	0.70	0.81	0.83		
2 WKNIGHT		0.98	0.70	0.70	0.81	0.83		
3 WKEND		0.98	0.70	0.70	0.81	0.83		
SEASONAL PROFILE SEASONS		472 EE_2018						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.79	0.69	0.62	0.56	0.57	0.81	0.95
2 WKNIGHT		0.79	0.69	0.62	0.56	0.57	0.81	0.95
3 WKEND		0.79	0.69	0.62	0.56	0.57	0.81	0.95
SEASONAL PROFILE SEASONS		472 EE_2018						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		1.00	0.73	0.65	0.71	0.85		
2 WKNIGHT		1.00	0.73	0.65	0.71	0.85		
3 WKEND		1.00	0.73	0.65	0.71	0.85		
SEASONAL PROFILE SEASONS		473 EE_2019						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		1.61						
2 WKNIGHT		1.61						
3 WKEND		1.61						

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.80	0.69	0.64	0.55	0.53	0.82	0.98				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.80	0.69	0.64	0.55	0.53	0.82	0.98				
3	WKEND											
SEASONAL PROFILE ENTRY		0.80	0.69	0.64	0.55	0.53	0.82	0.98				
SEASONAL PROFILE SEASONS		473	EE_2019									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.71	0.62	0.75	0.83						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.71	0.62	0.75	0.83						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.71	0.62	0.75	0.83						
SEASONAL PROFILE SEASONS		474	EE_2020									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.76	0.65	0.60	0.52	0.51	0.83	0.90				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.76	0.65	0.60	0.52	0.51	0.83	0.90				
3	WKEND											
SEASONAL PROFILE ENTRY		0.76	0.65	0.60	0.52	0.51	0.83	0.90				
SEASONAL PROFILE SEASONS		474	EE_2020									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.67	0.59	0.73	0.78						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.67	0.59	0.73	0.78						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.67	0.59	0.73	0.78						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		475 EE_2021						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
2 WKNIGHT								
3 WKEND								
SEASONAL PROFILE ENTRY		0.76	0.68	0.63	0.53	0.53	0.87	1.00
SEASONAL PROFILE ENTRY		0.76	0.68	0.63	0.53	0.53	0.87	1.00
SEASONAL PROFILE ENTRY		0.76	0.68	0.63	0.53	0.53	0.87	1.00
SEASONAL PROFILE SEASONS		475 EE_2021						
SUBPERIODS		8	9	10	11	12		
1 WKDAY <td>AUGUST</td> <td>SEPTEMBER</td> <td>OCTOBER</td> <td>NOVEMBER</td> <td>DECEMBER</td> <td></td> <td></td>		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		1.00	0.74	0.62	0.76	0.80		
2 WKNIGHT <td>1.00</td> <td>0.74</td> <td>0.62</td> <td>0.76</td> <td>0.80</td> <td></td> <td></td>		1.00	0.74	0.62	0.76	0.80		
SEASONAL PROFILE ENTRY		1.00	0.74	0.62	0.76	0.80		
3 WKEND <td>1.00</td> <td>0.74</td> <td>0.62</td> <td>0.76</td> <td>0.80</td> <td></td> <td></td>		1.00	0.74	0.62	0.76	0.80		
SEASONAL PROFILE ENTRY		1.00	0.74	0.62	0.76	0.80		
SEASONAL PROFILE SEASONS		476 EE_2022						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY <td>JANUARY</td> <td>FEBRUARY</td> <td>MARCH</td> <td>APRIL</td> <td>MAY</td> <td>JUNE</td> <td>JULY</td>		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		0.77	0.68	0.62	0.54	0.52	0.85	0.98
2 WKNIGHT <td>0.77</td> <td>0.68</td> <td>0.62</td> <td>0.54</td> <td>0.52</td> <td>0.85</td> <td>0.98</td>		0.77	0.68	0.62	0.54	0.52	0.85	0.98
SEASONAL PROFILE ENTRY		0.77	0.68	0.62	0.54	0.52	0.85	0.98
3 WKEND <td>0.77</td> <td>0.68</td> <td>0.62</td> <td>0.54</td> <td>0.52</td> <td>0.85</td> <td>0.98</td>		0.77	0.68	0.62	0.54	0.52	0.85	0.98
SEASONAL PROFILE ENTRY		0.77	0.68	0.62	0.54	0.52	0.85	0.98
SEASONAL PROFILE SEASONS		476 EE_2022						
SUBPERIODS		8	9	10	11	12		
1 WKDAY <td>AUGUST</td> <td>SEPTEMBER</td> <td>OCTOBER</td> <td>NOVEMBER</td> <td>DECEMBER</td> <td></td> <td></td>		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		1.00	0.69	0.60	0.75	0.79		
2 WKNIGHT <td>1.00</td> <td>0.69</td> <td>0.60</td> <td>0.75</td> <td>0.79</td> <td></td> <td></td>		1.00	0.69	0.60	0.75	0.79		
SEASONAL PROFILE ENTRY		1.00	0.69	0.60	0.75	0.79		
3 WKEND <td>1.00</td> <td>0.69</td> <td>0.60</td> <td>0.75</td> <td>0.79</td> <td></td> <td></td>		1.00	0.69	0.60	0.75	0.79		
SEASONAL PROFILE ENTRY		1.00	0.69	0.60	0.75	0.79		
SEASONAL PROFILE SEASONS		477 EE_2023						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY <td>JANUARY</td> <td>FEBRUARY</td> <td>MARCH</td> <td>APRIL</td> <td>MAY</td> <td>JUNE</td> <td>JULY</td>		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		0.76	0.67	0.62	0.53	0.52	0.86	0.99
2 WKNIGHT <td>0.76</td> <td>0.67</td> <td>0.62</td> <td>0.53</td> <td>0.52</td> <td>0.86</td> <td>0.99</td>		0.76	0.67	0.62	0.53	0.52	0.86	0.99
SEASONAL PROFILE ENTRY		0.76	0.67	0.62	0.53	0.52	0.86	0.99
3 WKEND <td>0.76</td> <td>0.67</td> <td>0.62</td> <td>0.53</td> <td>0.52</td> <td>0.86</td> <td>0.99</td>		0.76	0.67	0.62	0.53	0.52	0.86	0.99
SEASONAL PROFILE ENTRY		0.76	0.67	0.62	0.53	0.52	0.86	0.99
SEASONAL PROFILE SEASONS		477 EE_2023						
SUBPERIODS		8	9	10	11	12		
1 WKDAY <td>AUGUST</td> <td>SEPTEMBER</td> <td>OCTOBER</td> <td>NOVEMBER</td> <td>DECEMBER</td> <td></td> <td></td>		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SEASONAL PROFILE ENTRY		1.00	0.73	0.64	0.76	0.79		
2 WKNIGHT <td>1.00</td> <td>0.73</td> <td>0.64</td> <td>0.76</td> <td>0.79</td> <td></td> <td></td>		1.00	0.73	0.64	0.76	0.79		
SEASONAL PROFILE ENTRY		1.00	0.73	0.64	0.76	0.79		
3 WKEND <td>1.00</td> <td>0.73</td> <td>0.64</td> <td>0.76</td> <td>0.79</td> <td></td> <td></td>		1.00	0.73	0.64	0.76	0.79		
SEASONAL PROFILE ENTRY		1.00	0.73	0.64	0.76	0.79		
SEASONAL PROFILE SEASONS		478 EE_2024						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY <td>JANUARY</td> <td>FEBRUARY</td> <td>MARCH</td> <td>APRIL</td> <td>MAY</td> <td>JUNE</td> <td>JULY</td>		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
SEASONAL PROFILE ENTRY		1.00	0.73	0.64	0.76	0.79		
2 WKNIGHT <td>1.00</td> <td>0.73</td> <td>0.64</td> <td>0.76</td> <td>0.79</td> <td></td> <td></td>		1.00	0.73	0.64	0.76	0.79		
SEASONAL PROFILE ENTRY		1.00	0.73	0.64	0.76	0.79		
3 WKEND <td>1.00</td> <td>0.73</td> <td>0.64</td> <td>0.76</td> <td>0.79</td> <td></td> <td></td>		1.00	0.73	0.64	0.76	0.79		
SEASONAL PROFILE ENTRY		1.00	0.73	0.64	0.76	0.79		

4-Company East Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.74	0.67	0.62	0.53	0.52	0.80	0.95				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.74	0.67	0.62	0.53	0.52	0.80	0.95				
3	WKEND											
SEASONAL PROFILE ENTRY		0.74	0.67	0.62	0.53	0.52	0.80	0.95				
SEASONAL PROFILE SEASONS		478	BE_2024									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.73	0.60	0.74	0.77						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.73	0.60	0.74	0.77						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.73	0.60	0.74	0.77						
SEASONAL PROFILE SEASONS		479	BE_2025									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.74	0.66	0.62	0.53	0.52	0.79	0.93				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.74	0.66	0.62	0.53	0.52	0.79	0.93				
3	WKEND											
SEASONAL PROFILE ENTRY		0.74	0.66	0.62	0.53	0.52	0.79	0.93				
SEASONAL PROFILE SEASONS		479	BE_2025									
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.73	0.60	0.74	0.77						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.73	0.60	0.74	0.77						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.73	0.60	0.74	0.77						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PARAMETERS.

SEASONAL PROFILE SEASONS		480 EE_2026						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.75	0.67	0.62	0.53	0.52	0.81	0.95
2 WKNIGHT		0.75	0.67	0.62	0.53	0.52	0.81	0.95
3 WKEND		0.75	0.67	0.62	0.53	0.52	0.81	0.95
SEASONAL PROFILE SEASONS		480 EE_2026						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		1.00	0.72	0.60	0.75	0.78		
2 WKNIGHT		1.00	0.72	0.60	0.75	0.78		
3 WKEND		1.00	0.72	0.60	0.75	0.78		
SEASONAL PROFILE SEASONS		481 EE_2027						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.75	0.67	0.62	0.53	0.52	0.81	0.94
2 WKNIGHT		0.75	0.67	0.62	0.53	0.52	0.81	0.94
3 WKEND		0.75	0.67	0.62	0.53	0.52	0.81	0.94
SEASONAL PROFILE SEASONS		481 EE_2027						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		1.00	0.71	0.60	0.75	0.78		
2 WKNIGHT		1.00	0.71	0.60	0.75	0.78		
3 WKEND		1.00	0.71	0.60	0.75	0.78		
SEASONAL PROFILE SEASONS		482 EE_2028						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.75	0.67	0.62	0.54	0.53	0.87	1.00
2 WKNIGHT		0.75	0.67	0.62	0.54	0.53	0.87	1.00
3 WKEND		0.75	0.67	0.62	0.54	0.53	0.87	1.00
SEASONAL PROFILE SEASONS		482 EE_2028						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.99	0.69	0.61	0.76	0.80		
2 WKNIGHT		0.99	0.69	0.61	0.76	0.80		
3 WKEND		0.99	0.69	0.61	0.76	0.80		
SEASONAL PROFILE SEASONS		483 EE_2029						
SUBPERIODS		1	2	3	4	5	6	7
1 WKDAY		0.99	0.69	0.61	0.76	0.80		
2 WKNIGHT		0.99	0.69	0.61	0.76	0.80		
3 WKEND		0.99	0.69	0.61	0.76	0.80		
SEASONAL PROFILE SEASONS		483 EE_2029						
SUBPERIODS		8	9	10	11	12		
1 WKDAY		0.99	0.69	0.61	0.76	0.80		
2 WKNIGHT		0.99	0.69	0.61	0.76	0.80		
3 WKEND		0.99	0.69	0.61	0.76	0.80		
SEASONAL PROFILE SEASONS		1.65						

4-Company East Optimization

SUBPERIODS		483 EE_2029											
		8	9	10	11	12							
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER							
SEASONAL PROFILE	SEASONS	484 EE_2030											
SUBPERIODS		8	9	10	11	12	1	2	3	4	5	6	7
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.73	0.67	0.62	0.53	0.52	0.78	0.95					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.73	0.67	0.62	0.53	0.52	0.78	0.95					
SEASONAL PROFILE ENTRY													
3	WKEND	0.73	0.67	0.62	0.53	0.52	0.78	0.95					
SEASONAL PROFILE ENTRY													
SUBPERIODS		8	9	10	11	12	1	2	3	4	5	6	7
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.75	0.68	0.63	0.54	0.52	0.80	0.97					
SEASONAL PROFILE ENTRY													
2	WKNIGHT	0.75	0.68	0.63	0.54	0.52	0.80	0.97					
SEASONAL PROFILE ENTRY													
3	WKEND	0.75	0.68	0.63	0.54	0.52	0.80	0.97					
SEASONAL PROFILE ENTRY													
SUBPERIODS		8	9	10	11	12	1	2	3	4	5	6	7
		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	1.00	0.74	0.60	0.75	0.78							
SEASONAL PROFILE ENTRY													
2	WKNIGHT	1.00	0.74	0.60	0.75	0.78							
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	0.74	0.60	0.75	0.78							
SEASONAL PROFILE ENTRY													

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE		485 EE_2031						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.75	0.68	0.63	0.54	0.52	0.79	0.97
2	WKNIGHT	0.75	0.68	0.63	0.54	0.52	0.79	0.97
3	WKEND	0.75	0.68	0.63	0.54	0.52	0.79	0.97
SEASONAL PROFILE		485 EE_2031						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	1.00	0.75	0.60	0.75	0.78		
2	WKNIGHT	1.00	0.75	0.60	0.75	0.78		
3	WKEND	1.00	0.75	0.60	0.75	0.78		
SEASONAL PROFILE		486 EE_2032						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.75	0.68	0.63	0.54	0.53	0.79	0.98
2	WKNIGHT	0.75	0.68	0.63	0.54	0.53	0.79	0.98
3	WKEND	0.75	0.68	0.63	0.54	0.53	0.79	0.98
SEASONAL PROFILE		486 EE_2032						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	1.00	0.76	0.60	0.75	0.78		
2	WKNIGHT	1.00	0.76	0.60	0.75	0.78		
3	WKEND	1.00	0.76	0.60	0.75	0.78		
SEASONAL PROFILE		487 EE_2033						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	0.75	0.68	0.63	0.54	0.52	0.77	0.98
2	WKNIGHT	0.75	0.68	0.63	0.54	0.52	0.77	0.98
3	WKEND	0.75	0.68	0.63	0.54	0.52	0.77	0.98
SEASONAL PROFILE		487 EE_2033						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	1.00	0.77	0.60	0.74	0.77		
2	WKNIGHT	1.00	0.77	0.60	0.74	0.77		
3	WKEND	1.00	0.77	0.60	0.74	0.77		
SEASONAL PROFILE		488 EE_2034						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY

4-Company Fast Optimization

SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.75	0.68	0.63	0.54	0.52	0.77	0.98				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.75	0.68	0.63	0.54	0.52	0.77	0.98				
3	WKEND											
SEASONAL PROFILE ENTRY		0.75	0.68	0.63	0.54	0.52	0.77	0.98				
SEASONAL PROFILE												
488 BE_2034												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.78	0.60	0.75	0.77						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.78	0.60	0.75	0.77						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.78	0.60	0.75	0.77						
SEASONAL PROFILE												
489 BE_2035												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		0.75	0.69	0.63	0.54	0.53	0.77	0.99				
2	WKNIGHT											
SEASONAL PROFILE ENTRY		0.75	0.69	0.63	0.54	0.53	0.77	0.99				
3	WKEND											
SEASONAL PROFILE ENTRY		0.75	0.69	0.63	0.54	0.53	0.77	0.99				
SEASONAL PROFILE												
489 BE_2035												
SUBPERIODS												
1	WKDAY											
SEASONAL PROFILE ENTRY		1.00	0.79	0.60	0.75	0.77						
2	WKNIGHT											
SEASONAL PROFILE ENTRY		1.00	0.79	0.60	0.75	0.77						
3	WKEND											
SEASONAL PROFILE ENTRY		1.00	0.79	0.60	0.75	0.77						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PARAMETERS.

SEASONAL PROFILE		749 NOX_11						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	2800.00	2800.00	2800.00	2800.00	2000.00	2000.00	2000.00
2	WKNIGHT	2800.00	2800.00	2800.00	2800.00	2000.00	2000.00	2000.00
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		749 NOX_11						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	2000.00	2000.00	2800.00	2800.00	2800.00		
2	WKNIGHT	2000.00	2000.00	2800.00	2800.00	2800.00		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE		750 NOX_12						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	2500.00	2500.00	2500.00	2500.00	2000.00	2000.00	2000.00
2	WKNIGHT	2500.00	2500.00	2500.00	2500.00	2000.00	2000.00	2000.00
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		750 NOX_12						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	2000.00	2500.00	2500.00	2500.00	2500.00		
2	WKNIGHT	2000.00	2500.00	2500.00	2500.00	2500.00		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE		751 NOX13_14						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	2200.00	2200.00	2200.00	2200.00	2000.00	2000.00	2000.00
2	WKNIGHT	2200.00	2200.00	2200.00	2200.00	2000.00	2000.00	2000.00
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE		751 NOX13_14						
SEASONS		8	9	10	11	12		
SUBPERIODS		AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1	WKDAY	2000.00	2000.00	2200.00	2200.00	2200.00		
2	WKNIGHT	2000.00	2000.00	2200.00	2200.00	2200.00		
3	WKEND	1.00	1.00	1.00	1.00	1.00		
SEASONAL PROFILE		752 NOX_15						
SEASONS		1	2	3	4	5	6	7
SUBPERIODS		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	WKDAY	2000.00	2000.00	2200.00	2200.00	2200.00		
2	WKNIGHT	2000.00	2000.00	2200.00	2200.00	2200.00		
3	WKEND	1.00	1.00	1.00	1.00	1.00		

4-Company East Optimization

SUBPERIODS		752 NOX_15											
		AUGUST	8	SEPTEMBER	9	OCTOBER	10	NOVEMBER	11	DECEMBER	12		
1	WKDAY	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2000.00	2000.00	2000.00	2000.00	2000.00
SEASONAL PROFILE ENTRY													
2	WKNIGHT	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2000.00	2000.00	2000.00	2000.00	2000.00
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY													
SEASONAL PROFILE SEASONS													
SUBPERIODS													
1	WKDAY	2000.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00
SEASONAL PROFILE ENTRY													
2	WKNIGHT	2000.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00	2300.00
SEASONAL PROFILE ENTRY													
3	WKEND	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SEASONAL PROFILE ENTRY													

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.COMPANY.

GENERATING COMPANIES	1	2	3	4
	OPCO+CSP	T&M	APCO	KPCO
DEFERRAL CAPACITY SWITCH				
DEFERRAL CAPACITY WEIGHTING	3	3	3	3
EMERGENCY AIR BASIN POINTNER	0.00	0.00	0.00	0.00
ESCALATION DUMP ENERGY PRICE	1	1	1	1
ESCALATION EMERGENCY CUST IMPACT				
ESCALATION EMERGENCY DISP COST				
ESCALATION EMERGENCY ENERGY COST				
MARGINAL COST CURVE SELECTION	1	1	1	1

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.COMPANY.

GENERATING COMPANIES	YEAR 2011			
	OPCO+CSP	I&M	APCO	RFCO
CAPABILITY ADJUSTMENT				
CAPABILITY LEVEL	MW			
COMMITMENT LEVEL	%-MW			
DUMP ENERGY SALE PRICE	\$/MWH			
EMERGENCY CUSTOMER IMPACT	\$/MWH			
EMERGENCY DISPATCH COST	\$/MWH			
EMERGENCY DISPATCH PROFILE	\$/MWH			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
INTERDICTIBLE LOAD	MW			
MAXIMUM SURPLUS CAPACITY	MW			
MAXIMUM SURPLUS PROFILE	MW			
PEAK ADJUSTMENT	\$/MWH			
RELIABILITY TARGET	HOUR/SMH			
RESERVE MARGIN TARGET	MW-%			
SEASONAL RMU PROFILE	MW-%			
SPINNING RESERVE REQUIREMENT	%-MW			
YEAR 2012				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2013				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2014				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2015				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2016				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2017				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2018				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2019				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2020				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2021				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			
YEAR 2022				
CAPABILITY ADJUSTMENT				
DUMP ENERGY SALE PRICE	MW			
EMERGENCY ENERGY COST	\$/MWH			
EMERGENCY ENERGY PROFILE	\$/MWH			
PEAK ADJUSTMENT	MW			

YEAR 2023					
CAPABILITY ADJUSTMENT	MW	-262.00	12.00	-495.00	-4.00
DUMP ENERGY SALE PRICE	\$/MWH	21.13	21.13	21.13	21.13
EMERGENCY ENERGY COST	\$/MWH	179.75	179.75	179.75	179.75
EMERGENCY ENERGY PROFILE		477	477	477	477
PEAK ADJUSTMENT	MW	982.00	-583.00	-1095.00	-294.00
YEAR 2024					
CAPABILITY ADJUSTMENT	MW	-379.00	0.00	-547.00	-4.00
DUMP ENERGY SALE PRICE	\$/MWH	21.48	21.48	21.48	21.48
EMERGENCY ENERGY COST	\$/MWH	187.45	187.45	187.45	187.45
EMERGENCY ENERGY PROFILE		478	478	478	478
PEAK ADJUSTMENT	MW	953.00	-607.00	-1079.00	-290.00
YEAR 2025					
CAPABILITY ADJUSTMENT	MW	-265.00	-8.00	-489.00	-4.00
DUMP ENERGY SALE PRICE	\$/MWH	21.84	21.84	21.84	21.84
EMERGENCY ENERGY COST	\$/MWH	191.05	191.05	191.05	191.05
EMERGENCY ENERGY PROFILE		479	479	479	479
PEAK ADJUSTMENT	MW	937.00	-625.00	-1076.00	-287.00
YEAR 2026					
CAPABILITY ADJUSTMENT	MW	-301.00	-27.00	-489.00	-4.00
DUMP ENERGY SALE PRICE	\$/MWH	22.20	22.20	22.20	22.20
EMERGENCY ENERGY COST	\$/MWH	195.20	195.20	195.20	195.20
EMERGENCY ENERGY PROFILE		480	480	480	480
PEAK ADJUSTMENT	MW	-44.00	-639.00	-1069.00	-285.00
YEAR 2027					
CAPABILITY ADJUSTMENT	MW	-301.00	-33.00	-489.00	-4.00
DUMP ENERGY SALE PRICE	\$/MWH	22.56	22.56	22.56	22.56
EMERGENCY ENERGY COST	\$/MWH	194.96	194.96	194.96	194.96
EMERGENCY ENERGY PROFILE		481	481	481	481
PEAK ADJUSTMENT	MW	994.00	-647.00	-1059.00	-282.00
YEAR 2028					
CAPABILITY ADJUSTMENT	MW	-301.00	-40.00	-489.00	-4.00
DUMP ENERGY SALE PRICE	\$/MWH	22.94	22.94	22.94	22.94
EMERGENCY ENERGY COST	\$/MWH	200.78	200.78	200.78	200.78
EMERGENCY ENERGY PROFILE		482	482	482	482
PEAK ADJUSTMENT	MW	987.00	-653.00	-1047.00	-278.00
YEAR 2029					
DUMP ENERGY SALE PRICE	\$/MWH	23.32	23.32	23.32	23.32
EMERGENCY ENERGY COST	\$/MWH	208.33	208.33	208.33	208.33
EMERGENCY ENERGY PROFILE		483	483	483	483
PEAK ADJUSTMENT	MW	993.00	-652.00	-1013.00	-276.00
YEAR 2030					
DUMP ENERGY SALE PRICE	\$/MWH	23.70	23.70	23.70	23.70
EMERGENCY ENERGY COST	\$/MWH	213.15	213.15	213.15	213.15
EMERGENCY ENERGY PROFILE		484	484	484	484
PEAK ADJUSTMENT	MW	1000.00	-650.00	-1006.00	-274.00
YEAR 2031					
DUMP ENERGY SALE PRICE	\$/MWH	24.10	24.10	24.10	24.10
EMERGENCY ENERGY COST	\$/MWH	217.92	217.92	217.92	217.92
EMERGENCY ENERGY PROFILE		485	485	485	485
PEAK ADJUSTMENT	MW	1006.00	-648.00	-1000.00	-271.00
YEAR 2032					
DUMP ENERGY SALE PRICE	\$/MWH	24.50	24.50	24.50	24.50

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.COMPANY.

GENERATING COMPANIES	1	2	3	4
	OPCO+CSP	I&M	APCO	KRCCO
----- YEAR 2032 -----				
EMERGENCY ENERGY COST	\$/MWH	224.07	224.07	224.07
EMERGENCY ENERGY PROFILE	MW	486	486	486
PEAK ADJUSTMENT	MW	1003.00	-645.00	-985.00
----- YEAR 2033 -----				
CAPABILITY ADJUSTMENT	MW	-301.00	-40.00	-489.00
DIMP ENERGY SALE PRICE	\$/MWH	24.10	24.10	24.10
EMERGENCY ENERGY COST	\$/MWH	230.32	230.32	230.32
EMERGENCY ENERGY PROFILE	MW	1006.00	487	487
PEAK ADJUSTMENT	MW	1006.00	-645.00	-986.00
----- YEAR 2034 -----				
DIMP ENERGY SALE PRICE	\$/MWH	24.50	24.50	24.50
EMERGENCY ENERGY COST	\$/MWH	236.17	236.17	236.17
EMERGENCY ENERGY PROFILE	MW	488	488	488
PEAK ADJUSTMENT	MW	1011.00	-646.00	-943.00
----- YEAR 2035 -----				
CAPABILITY ADJUSTMENT	MW	-296.00	-37.00	-486.00
EMERGENCY ENERGY COST	\$/MWH	242.31	242.31	242.31
EMERGENCY ENERGY PROFILE	MW	489	489	489
PEAK ADJUSTMENT	MW	1011.00	-645.00	-938.00
----- YEAR 2036 -----				
EMERGENCY ENERGY COST	\$/MWH	248.83	248.83	248.83
EMERGENCY ENERGY PROFILE	MW	490	490	490
PEAK ADJUSTMENT	MW	1018.00	-644.00	-907.00
----- YEAR 2037 -----				
EMERGENCY ENERGY COST	\$/MWH	255.44	255.44	255.44
EMERGENCY ENERGY PROFILE	MW	491	491	491
PEAK ADJUSTMENT	MW	1100.00	-646.00	-802.00
----- YEAR 2038 -----				
EMERGENCY ENERGY COST	\$/MWH	262.14	262.14	262.14
EMERGENCY ENERGY PROFILE	MW	492	492	492
PEAK ADJUSTMENT	MW	1103.00	-650.00	-793.00
----- YEAR 2039 -----				
EMERGENCY ENERGY COST	\$/MWH	269.07	269.07	269.07
EMERGENCY ENERGY PROFILE	MW	493	493	493
PEAK ADJUSTMENT	MW	1102.00	-650.00	-790.00
----- YEAR 2040 -----				
EMERGENCY ENERGY COST	\$/MWH	276.21	276.21	276.21
EMERGENCY ENERGY PROFILE	MW	494	494	494
PEAK ADJUSTMENT	MW	1102.00	-690.00	-790.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.COMPANY.

GENERATING COMPANIES	1	2	3	4
	OPCO+CSP	I&M	APCO	RFCO
EFFLUENT				
1 SO2 (E) EMERGENCY EFFLUENT POINTER	0	0	0	0
2 CO2 (S) EMERGENCY EFFLUENT POINTER	0	0	0	0
3 CO2 (G) EMERGENCY EFFLUENT POINTER	0	0	0	0
4 NOX (E) EMERGENCY EFFLUENT POINTER	0	0	0	0
5 NSR SO2 EMERGENCY EFFLUENT POINTER	0	0	0	0
6 HG (E) EMERGENCY EFFLUENT POINTER	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL CLASS.

FUEL CLASS	1	2	3	4	5	6	7
	COLE	GASE	NUCL	BUCK	COLM	GASW	LIGS
NUCLEAR FUEL FLAG	0	0	1	0	0	0	0
FUEL CLASS	8	10	11	12	13	14	15
	OTHR	COLA	COLC	COLI	COLK	COLO	COLP
NUCLEAR FUEL FLAG	0	0	0	0	0	0	0
FUEL CLASS	16	17	18	19	20		
	COLS	COLX	GASP	GASS	BIOM		
NUCLEAR FUEL FLAG	0	0	0	0	0		

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

FUEL		1	2	3	4	5	6	7
ESCALATION FUEL COST	AMOS_1	AMOS_2	AMOS_3	BRCK_6	BIGS_1	BIGS_2	CARD_1	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COLA	COLA	COLO	COLC	COLK	COLK	COLC	COLO
FUEL ID NUMBER	1	2	3	4	5	6	7	1
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	1
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS

FUEL		8	9	10	11	12	13	14
ESCALATION FUEL COST	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COLE	COLE	OTHER	OTHER	OTHER	OTHER	OTHER	OTHER
FUEL ID NUMBER	8	9	10	11	12	13	14	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	

FUEL		15	16	17	18	19	20	21
ESCALATION FUEL COST	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	OTHER	COLA	COLA	COLA	COLA	COLC	COLC	COLC
FUEL ID NUMBER	15	16	17	18	19	20	21	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	

FUEL		22	23	24	25	26	27	28
ESCALATION FUEL COST	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COLC	COLC	COLC	NUCL	NUCL	COLO	COLO	COLO
FUEL ID NUMBER	22	23	24	25	26	27	28	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	GMH	GMH	TONS	TONS	

FUEL		29	30	31	32	33	34	35
ESCALATION FUEL COST	GLEN_5	GLEN_6	BS2 4.5	BS2 3.0	KAMM_1	KAMM_2	KAMM_3	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COIA	COIA	COLK	COLK	COLO	COLO	COLO	COLO
FUEL ID NUMBER	29	30	31	32	33	34	35	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	

FUEL		36	37	38	39	40	41	42
ESCALATION FUEL COST	KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COIA	COIA	OTHER	OTHER	OTHER	OTHER	OTHER	OTHER
FUEL ID NUMBER	36	37	38	39	40	41	42	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	

FUEL		43	44	45	46	47	48	49
ESCALATION FUEL COST	MITC_1	MITC_2	MTRR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COIO	COIO	COLA	COLO	COLO	COLO	COLO	COLO
FUEL ID NUMBER	43	44	45	46	47	48	49	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	

FUEL		50	51	52	53	54	55	56
ESCALATION FUEL COST	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COIO	COLA	COLO	COLA	COLO	COLO	COLC	COLC
FUEL ID NUMBER	50	51	52	53	54	55	56	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	

FUEL		57	58	59	60	61	62	63
ESCALATION FUEL COST	BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STUA_1	STUA_2	STUA_3	
ESCALATION REPLACEMENT FUEL								
ESCALATION SEASONAL FIXED COST								
FUEL CLASS	COIO	COLA	COLO	COLA	COLO	COLO	COLC	COLC
FUEL ID NUMBER	57	58	59	60	61	62	63	
FUEL LIMIT SWITCH	1	1	1	1	1	1	1	
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	STQA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1
ESCALATION FUEL COST	64	65	66	67	68	69	70
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	COLC	GASE	COLI	COLI	COLI	COLI	COLI
FUEL ID NUMBER	64	65	66	67	68	69	70
FUEL LIMIT SWITCH	1	1	1	1	1	1	1
FUEL UNIT	TONS	MCFE	TONS	TONS	TONS	TONS	TONS
FUEL	TCO_POOL	DOMINON	TCO_DELIV	CEREDO	DARBY	DRESDEN	LAWRNS
ESCALATION FUEL COST	71	72	73	74	75	76	77
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	GASE	GASE	GASE	GASE	GASE	GASE	GASE
FUEL ID NUMBER	71	72	73	74	75	76	77
FUEL LIMIT SWITCH	1	1	1	1	1	1	1
FUEL UNIT	MCFE	MCFE	MCFE	MCFE	MCFE	MCFE	MCFE
FUEL	ROBMON	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NB8	STRR_BIO	MRS_CO
ESCALATION FUEL COST	78	79	80	81	139	140	141
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	GASE	GASE	COLI	GASE	COLE	Biom	Biom
FUEL ID NUMBER	78	79	80	81	605	606	609
FUEL LIMIT SWITCH	1	1	1	1	1	1	2
FUEL UNIT	MCFE	MCFE	TONS	MCFE	TONS	TONS	TONS
FUEL	AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
ESCALATION FUEL COST	143	144	146	147	148	149	150
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	Biom	Biom	Biom	Biom	Biom	Biom	Biom
FUEL ID NUMBER	611	612	614	615	616	617	618
FUEL LIMIT SWITCH	2	2	2	2	2	2	2
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS
FUEL	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO
ESCALATION FUEL COST	151	152	153	154	155	156	157
ESCALATION REPLACEMENT FUEL							
ESCALATION SEASONAL FIXED COST							
FUEL CLASS	Biom	Biom	Biom	Biom	Biom	Biom	Biom
FUEL ID NUMBER	619	620	621	622	623	624	625
FUEL LIMIT SWITCH	2	2	2	2	2	2	2
FUEL UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
EFFLUENT							
1 SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 CO2 (S) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 CO2 (G) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 NOX (B) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 NSR SO2 EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 HG (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FUEL	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
EFFLUENT							
1 SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 CO2 (S) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 CO2 (G) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 NOX (B) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 NSR SO2 EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 HG (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FUEL	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
EFFLUENT							
1 SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 CO2 (S) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 CO2 (G) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 NOX (B) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 NSR SO2 EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 HG (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FUEL	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
EFFLUENT							
1 SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 CO2 (S) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 CO2 (G) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 NOX (B) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 NSR SO2 EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 HG (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FUEL	GLEN_5	GLEN_6	BS2_4.5	BS2_3.0	KAWM_1	KAWM_2	KAWM_3
EFFLUENT							
1 SO2 (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 CO2 (S) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 CO2 (G) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 NOX (B) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 NSR SO2 EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 HG (E) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EFFLUENT											
1	SO2 (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA											
2	CO2 (S)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
3	CO2 (G)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
4	NOX (B)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
5	NSR SO2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
6	HG (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
FUEL											
EFFLUENT											
1	SO2 (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
2	CO2 (S)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
3	CO2 (G)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
4	NOX (B)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
5	NSR SO2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
6	HG (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
FUEL											
EFFLUENT											
1	SO2 (E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
2	CO2 (S)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
3	CO2 (G)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
4	NOX (B)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											
5	NSR SO2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA											

MITC_1 43 MITC_2 44 MNR_6.0 45 MUSK_1 46 MUSK_2 47 MUSK_3 48 MUSK_4 49

KANA_1 36 KANA_2 37 KYGE_1 38 KYGE_2 39 KYGE_3 40 KYGE_4 41 KYGE_5 42

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

FUEL	151	152	153	154	155	156	157
	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO
3 CO2 (G) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 NOX (B) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 NGR SO2 EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 HG (B) EMISSIONS DATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

GENERATING COMPANIES	OPCO+OSP	1	1&M	2	APCO	3	KPCO	4
FUEL								
1 AMOS_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 AMOS_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 AMOS_3								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 BECK_6								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 BIGS_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 BIGS_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 CARD_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8 CARD_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 CARD_3								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 CLIF_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 CLIF_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 CLIF_3								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 CLIF_4								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 CLIF_5								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15 CLIF_6								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 CLIN_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 CLIN_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18 CLIN_3								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19 CSVL_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20 CSVL_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 CSVL_3								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22 CSVL_4								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 CSVL_5								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24 CSVL_6								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 COOK_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	1.00	0.00	0.00	0.00	0.00	0.00
26 COOK_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	1.00	0.00	0.00	0.00	0.00	0.00
27 GAVI_1								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 GAVI_2								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 GLEN_5								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30 GLEN_6								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31 BS2_4.5								
FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4-Company East Optimization

32	BS2 3.0	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
33	KAMA_1	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
34	KAMA_2	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
35	KAMA_3	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
36	KANA_1	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
37	KANA_2	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
38	KYGE_1	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
39	KYGE_2	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
40	KYGE_3	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
41	KYGE_4	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
42	KYGE_5	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
43	MITC_1	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
44	MITC_2	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
45	WNR_6.0	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
46	MUSK_1	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
47	MUSK_2	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
48	MUSK_3	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
49	MUSK_4	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
50	MUSK_5	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
51	PSPN_1	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
52	PSPN_2	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
53	PSPN_3	FIXED FUEL_COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

GENERATING COMPANIES	OPCO+HSP	1	T&M	2	APCO	3	KPCO	4
FUEL								
54	PSPN 4							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
55	PSPN 5							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
56	PICK 5							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
57	BS2 1.7							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
58	ROCK 11M							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
59	ROCK 21M							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
60	ROCK 6P							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
61	STUA 1							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
62	STUA 2							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
63	STUA 3							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
64	STUA 4							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
65	BS1 CC							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
66	TANN 1							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
67	TANN 2							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
68	TANN 3							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
69	TANN 4							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
70	Z1M 1							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
71	TCO_POOL							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
72	DOMINON							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
73	TCO DELV							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
74	CEREDO							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
75	DARBY							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
76	DRESDEN							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
77	LAWRNG							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
78	ROBMON							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
79	WATEROR							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
80	ROCK_5.1							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
81	MRS_NGCC							
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
82								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
83								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	
84								
	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00	0.00	

4-Company East Optimization

85	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
86	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
87	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
88	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
89	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
90	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
91	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
92	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
93	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
94	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
95	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
96	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
97	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00
98	FIXED FUEL COST OWNERSHIP	FRACTION	0.00	0.00	0.00	0.00

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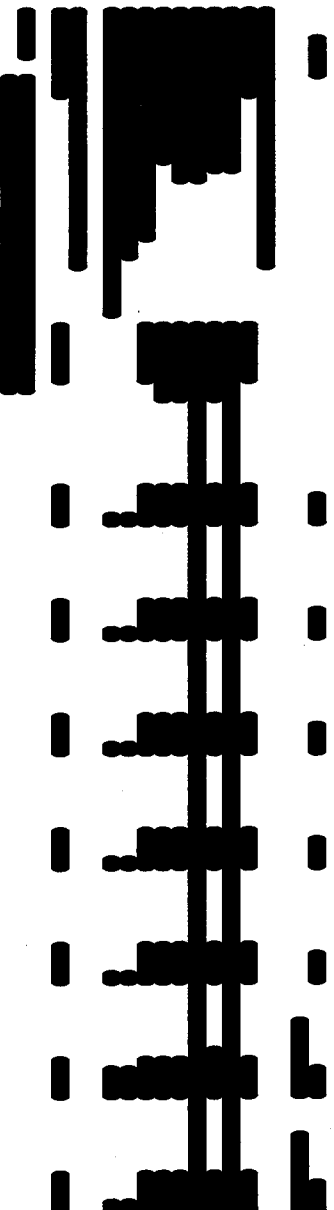
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----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
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----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

4-Company Past Optimization

----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
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----- YEAR 2030 -----
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----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----



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APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL YEAR 2016 163 YEAR 2017 164 YEAR 2018 165 YEAR 2019 166 YEAR 2020 167 YEAR 2021 168 YEAR 2022 169

YEAR	163	164	165	166	167	168	169
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
FUEL HEAT CONTENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038							
YEAR 2039							
YEAR 2040							
FUEL	170	171	172	173	174	175	176

YEAR 2011	170	171	172	173	174	175	176
FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL FLOW MAXIMUM	9999989648.999989648.999989648.999989648.999989648.999989648.999989648.999989648.	1.00	1.00	1.00	1.00	1.00	1.00
FUEL HEAT CONTENT	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FUEL LIMIT MAXIMUM	9999989648.999989648.999989648.999989648.999989648.999989648.999989648.999989648.	0.00	0.00	0.00	0.00	0.00	0.00
FUEL LIMIT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INVENTORY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
REPLACEMENT COST OF FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL COST POINTER	0	0	0	0	0	0	0
SEASONAL REPLACEMENT COST POINTER	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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.FUEL TYPE.

FUEL YEAR 2022 177 178 179 180 181 182 183

YEAR 2023	177	178	179	180	181	182	183
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
FUEL HEAT CONTENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038							
YEAR 2039							
YEAR 2040							
FUEL	184	185	186	187	188	189	190

YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST	9999899648.	9999899648.	9999899648.	9999899648.	9999899648.	9999899648.	9999899648.
FUEL FLOW MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FUEL HEAT CONTENT	9999899648.	9999899648.	9999899648.	9999899648.	9999899648.	9999899648.	9999899648.
FUEL LIMIT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL LIMIT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INVENTORY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
REPLACEMENT COST OF FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL COST POINTER	0	0	0	0	0	0	0
SEASONAL REPLACEMENT COST POINTE	0	0	0	0	0	0	0

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	JANUARY							
		CLIF_6_15	CLIN_1_16	CLIN_2_17	CLIN_3_18	CSVL_1_19	CSVL_2_20	CSVL_3_21	
---	YEAR 2021	---	---	---	---	---	---	---	
---	YEAR 2022	---	---	---	---	---	---	---	
---	YEAR 2023	---	---	---	---	---	---	---	
---	YEAR 2024	---	---	---	---	---	---	---	
---	YEAR 2025	---	---	---	---	---	---	---	
---	YEAR 2026	---	---	---	---	---	---	---	
---	YEAR 2027	---	---	---	---	---	---	---	
---	YEAR 2028	---	---	---	---	---	---	---	
---	YEAR 2029	---	---	---	---	---	---	---	
---	YEAR 2030	---	---	---	---	---	---	---	
---	YEAR 2031	---	---	---	---	---	---	---	
---	YEAR 2032	---	---	---	---	---	---	---	
---	YEAR 2033	---	---	---	---	---	---	---	
---	YEAR 2034	---	---	---	---	---	---	---	
---	YEAR 2035	---	---	---	---	---	---	---	
---	YEAR 2036	---	---	---	---	---	---	---	
---	YEAR 2037	---	---	---	---	---	---	---	
---	YEAR 2038	---	---	---	---	---	---	---	
---	YEAR 2039	---	---	---	---	---	---	---	
---	YEAR 2040	---	---	---	---	---	---	---	
=====									
FUEL	SEASON	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
---	YEAR 2011	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	453.90	453.90	0.00	0.00
---	SEASONAL FUEL LIMIT MAXIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	458.93	458.93	0.00	0.00
---	YEAR 2013	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	464.11	464.11	0.00	0.00
---	YEAR 2014	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	188.16	188.16	0.00	0.00
---	YEAR 2015	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	193.66	193.66	0.00	0.00
---	YEAR 2016	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	199.32	199.32	0.00	0.00
---	YEAR 2017	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	205.15	205.15	0.00	0.00
---	YEAR 2018	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	211.15	211.15	0.00	0.00
---	YEAR 2019	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	217.34	217.34	0.00	0.00
---	YEAR 2020	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	223.71	223.71	0.00	0.00
---	YEAR 2021	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	230.26	230.26	0.00	0.00
---	YEAR 2022	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	237.01	237.01	0.00	0.00
---	YEAR 2023	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	243.95	243.95	0.00	0.00
---	YEAR 2024	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	251.10	251.10	0.00	0.00
---	YEAR 2025	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	258.46	258.46	0.00	0.00
---	YEAR 2026	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	266.03	266.03	0.00	0.00
---	YEAR 2027	---	---	---	---	---	---	---	---

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL ===== SEASON 1 JANUARY =====
GLEN_5 29 GLEN_6 30 BS2 4.5 31 BS2 3.0 32 KAMM_1 33 KAMM_2 34 KAMM_3 35

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

FUEL ===== SEASON 1 JANUARY =====
KANA_1 36 KANA_2 37 KYGE_1 38 KYGE_2 39 KYGE_3 40 KYGE_4 41 KYGE_5 42

----- YEAR 2011 -----
SEASONL. FIXED FUEL COST \$000 0.00
SEASONL. FUEL LIMIT MAXIMUM UNIT/DAY -1.00
SEASONL. FUEL LIMIT MINIMUM UNIT/DAY -1.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----

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

YEAR	SEASON 1	JANUARY	MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011									
SEASONAL FIXED FUEL COST		\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	1	JANUARY	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
---	YEAR 2031	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---

FUEL	SEASON	1	JANUARY	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
---	YEAR 2011	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL COST	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MINIMUM	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---

FUEL	SEASON	1	JANUARY	BS2 1.7	ROCK_11M	ROCK_21M	ROCK_6P	STUA_1	STUA_2	STUA_3
---	YEAR 2011	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL COST	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MINIMUM	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---

FUEL	SEASON	1	JANUARY	BS2 1.7	ROCK_11M	ROCK_21M	ROCK_6P	STUA_1	STUA_2	STUA_3
---	YEAR 2011	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL COST	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MINIMUM	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
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----- YEAR 2030 -----
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----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	JANUARY										
		STUA_4	BSI_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1	70	76	77	
SEASONAL	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASON 1	71	72	73	74	75	76	77				
---	JANUARY	TCO_POOL	DOMINON	TCO_DELIV	CEREDO	DARBY	DRESDEN	LAMBANG				
---	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL FIXED FUEL COST																	
SEASONAL FUEL LIMIT MAXIMUM																	
SEASONAL FUEL LIMIT MINIMUM																	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL ===== SEASON 1 JANUARY =====
 ROBYONE 78 WATERFOR 79 ROCK_5.1 80 MRS_NGCC 81 PC_S_NE8 139 STRK_BIO 140 MRS_CO 141

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

FUEL ===== SEASON 1 JANUARY =====
 AM3_BIO 143 BS2_SEP 144 MNTR_BIO 146 TNR4_SEP 147 SRRT1_SEP 148 SRRT1_BIO 149 SRT2_SEP 150

----- YEAR 2011 -----
 SEASONAL FIXED FUEL COST 0.00
 SEASONAL FUEL LIMIT MAXIMUM -1.00
 SEASONAL FUEL LIMIT MINIMUM -1.00
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

----- YEAR 2011 -----
 SEASONAL FIXED FUEL COST 0.00
 SEASONAL FUEL LIMIT MAXIMUM -1.00
 SEASONAL FUEL LIMIT MINIMUM -1.00
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP, INPUT, FUEL TYPE.

FUEL SEASON 1 JANUARY
SRT2_BIO 151 SRT3_SEP 152 SRT3_BIO 153 SRT4_SEP 154 MRS_SI 155 RPI_BIO 156 RP2_BIO 157

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

FUEL SEASON 2 FEBRUARY
AMOS_1 1 AMOS_2 2 AMOS_3 3 BRCK_6 4 BIGS_1 5 BIGS_2 6 CARD_1 7
SEASONAL FIXED FUEL COST \$000 0.00 0.00 0.00 0.00 0.00 0.00 0.00
SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00
SEASONAL FUEL LIMIT MINIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00

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

FUEL SEASON 2 FEBRUARY
CARD_2 8 CARD_3 9 CLIF_1 10 CLIF_2 11 CLIF_3 12 CLIF_4 13 CLIF_5 14
SEASONAL FIXED FUEL COST \$000 0.00 0.00 0.00 0.00 0.00 0.00 0.00
SEASONAL FUEL LIMIT MAXIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00
SEASONAL FUEL LIMIT MINIMUM UNIT/DAY -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00

YEAR 2011
YEAR 2012
YEAR 2013

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

FUEL	SEASON 2 FEBRUARY							
	CLIF_6_15	CLIN_1_16	CLIN_2_17	CLIN_3_18	CSVL_1_19	CSVL_2_20	CSVL_3_21	
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
YEAR 2011								
SEASONAL FUEL LIMIT MAXIMUM								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
===== SEASON 2 FEBRUARY =====								
	CSVL_4_22	CSVL_5_23	CSVL_6_24	COOK_1_25	COOK_2_26	GAVL_1_27	GAVL_2_28	
SEASONAL FIXED FUEL COST	0.00	0.00	0.00	453.90	453.90	0.00	0.00	
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	458.93	458.93	\$000	\$000	
YEAR 2011								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	464.11	464.11	\$000	\$000	
YEAR 2012								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	188.16	188.16	\$000	\$000	
YEAR 2013								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	193.66	193.66	\$000	\$000	
YEAR 2014								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	199.32	199.32	\$000	\$000	
YEAR 2015								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	205.15	205.15	\$000	\$000	
YEAR 2016								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	211.15	211.15	\$000	\$000	
YEAR 2017								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000	217.34	217.34	\$000	\$000	
YEAR 2018								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000					
YEAR 2019								
SEASONAL FIXED FUEL COST	\$000	\$000	\$000					
YEAR 2020								

4-Company East Optimization

SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	223.71	223.71	0.00	0.00
----- YEAR 2021 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	230.26	230.26	0.00	0.00
----- YEAR 2022 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	237.01	237.01	0.00	0.00
----- YEAR 2023 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	243.95	243.95	0.00	0.00
----- YEAR 2024 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	251.10	251.10	0.00	0.00
----- YEAR 2025 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	258.46	258.46	0.00	0.00
----- YEAR 2026 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	266.03	266.03	0.00	0.00
----- YEAR 2027 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	273.83	273.83	0.00	0.00
----- YEAR 2028 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	281.85	281.85	0.00	0.00
----- YEAR 2029 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	290.11	290.11	0.00	0.00
----- YEAR 2030 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	298.61	298.61	0.00	0.00
----- YEAR 2031 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	307.36	307.36	0.00	0.00
----- YEAR 2032 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	316.36	316.36	0.00	0.00
----- YEAR 2033 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	325.63	325.63	0.00	0.00
----- YEAR 2034 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	335.18	335.18	0.00	0.00
----- YEAR 2035 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	344.99	344.99	0.00	0.00
----- YEAR 2036 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	355.10	355.10	0.00	0.00
----- YEAR 2037 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	365.51	365.51	0.00	0.00
----- YEAR 2038 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2039 -----								
----- YEAR 2040 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

===== SEASON 2 FEBRUARY =====											
FUEL		GLBN_5	GLBN_6	BS2_4.5	BS2_3.0	KAMM_1	KAMM_2	KAMM_3			
		29	30	31	32	33	34	35			
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00			
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00			
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

===== SEASON 2 FEBRUARY =====											
FUEL		KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5			
		36	37	38	39	40	41	42			
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00			
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00			
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											

YEAR	SEASON	2	FEBRUARY	MITC_1	43	MITC_2	44	MTNR_6.0	45	MUSK_1	46	MUSK_2	47	MUSK_3	48	MUSK_4	49
YEAR 2024																	
YEAR 2025																	
YEAR 2026																	
YEAR 2027																	
YEAR 2028																	
YEAR 2029																	
YEAR 2030																	
YEAR 2031																	
YEAR 2032																	
YEAR 2033																	
YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
YEAR 2011	SEASONAL	FIXED FUEL	COST	0.00		0.00		0.00		0.00		0.00		0.00		0.00	
YEAR 2011	SEASONAL	FUEL LIMIT	MAXIMUM	-1.00		-1.00		-1.00		-1.00		-1.00		-1.00		-1.00	
YEAR 2011	SEASONAL	FUEL LIMIT	MINIMUM	-1.00		-1.00		-1.00		-1.00		-1.00		-1.00		-1.00	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
YEAR 2020																	

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

YEAR	SEASON	2	FEBRUARY	57	58	59	60	61	62	63
			BS2 1.7	ROCK_1IM	ROCK_2IM	ROCK_6P	STUA_1	STUA_2	STUA_3	
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										
SEASONAL FIXED FUEL COST			0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL		SEASON 2 FEBRUARY									
SEASONAL FUEL LIMIT	MINIMUM	UNIT/DAY	78	79	80	81	139	140	141		
			ROBMOE	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NE8	STKR_BIO	MRS_CO		
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
=====											
FUEL		SEASON 2 FEBRUARY	143	144	146	147	148	149	150		
		AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP			
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											

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

		SEASON 2 FEBRUARY						

FUEL		SRT2_151	SRT3_152	SRT3_153	SRT4_154	MRS_ST_155	RP1_BIO_156	RP2_BIO_157
-----	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	SEASONAL FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
-----	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
-----	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
-----	YEAR 2012							
-----	YEAR 2013							
-----	YEAR 2014							
-----	YEAR 2015							
-----	YEAR 2016							
-----	YEAR 2017							
-----	YEAR 2018							
-----	YEAR 2019							
-----	YEAR 2020							
-----	YEAR 2021							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

FUEL	SEASON	2	FEBRUARY	SEASON	3	MARCH
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

SEASONAL FUEL LIMIT MAXIMUM	SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	UNIT/DAY	AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
YEAR 2011		\$000		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										

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

YEAR	SEASON	MARCH	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
SEASONAL FIXED FUEL COST	SEASONAL FUEL LIMIT MAXIMUM	SEASONAL FUEL LIMIT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT/DAY	UNIT/DAY	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030
YEAR 2031	YEAR 2032	YEAR 2033							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON 3	MARCH	CARD_2 8	CARD_3 9	CLIF_1 10	CLIF_2 11	CLIF_3 12	CLIF_4 13	CLIF_5 14
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON 3	MARCH	CLIF_6 15	CLIN_1 16	CLIN_2 17	CLIN_3 18	CSVL_1 19	CSVL_2 20	CSVL_3 21
---	YEAR 2011	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON 3	MARCH	CSVL_4 22	CSVL_5 23	CSVL_6 24	COOK_1 25	COOK_2 26	GAVI_1 27	GAVI_2 28
---	YEAR 2011	---	0.00	0.00	0.00	453.90	453.90	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	---	0.00	0.00	0.00	458.93	458.93	0.00	0.00
---	YEAR 2013	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	---	0.00	0.00	0.00	464.11	464.11	0.00	0.00

---	YEAR 2011	---	0.00	0.00	0.00	453.90	453.90	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	---	0.00	0.00	0.00	458.93	458.93	0.00	0.00
---	YEAR 2013	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	---	0.00	0.00	0.00	464.11	464.11	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	MARCH	22	23	24	25	26	27	28
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	335.18	335.18	0.00	0.00
SEASONAL	YEAR 2034								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	344.99	344.99	0.00	0.00
SEASONAL	YEAR 2035								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	355.10	0.00	0.00
SEASONAL	YEAR 2036								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	365.51	0.00	0.00
SEASONAL	YEAR 2037								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2038								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2039								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2040								

FUEL	SEASON	MARCH	29	30	31	32	33	34	35
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2011								
SEASONAL	FUEL LIMIT MAXIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2012								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2013								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2014								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2015								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2016								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2017								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2018								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2019								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2020								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2021								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2022								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2023								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2024								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2025								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2026								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2027								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2028								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2029								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2030								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2031								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2032								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2033								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2034								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2035								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2036								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2037								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2038								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2039								
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2040								

FUEL	SEASON	MARCH	36	37	38	39	40	41	42
SEASONAL	FIXED FUEL COST		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2011								
SEASONAL	FUEL LIMIT MAXIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2011								

4-Company East Optimization

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
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----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL		SEASON 3 MARCH													
		MUSK_5		PSPN_1		PSPN_2		PSPN_3		PSPN_4		PSPN_5		PICW_5	
YEAR	LIMIT	43	44	45	46	47	48	49	43	44	45	46	47	48	49
YEAR 2011	FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT	MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT	MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															
YEAR 2024															
YEAR 2025															
YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
YEAR 2030															
YEAR 2031															
YEAR 2032															
YEAR 2033															
YEAR 2034															
YEAR 2035															
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															

FUEL		SEASON 3 MARCH													
		MUSK_5 <td colspan="2">PSPN_1 <td colspan="2">PSPN_2 <td colspan="2">PSPN_3 <td colspan="2">PSPN_4 <td colspan="2">PSPN_5 <td colspan="2">PICW_5 </td></td></td></td></td></td>		PSPN_1 <td colspan="2">PSPN_2 <td colspan="2">PSPN_3 <td colspan="2">PSPN_4 <td colspan="2">PSPN_5 <td colspan="2">PICW_5 </td></td></td></td></td>		PSPN_2 <td colspan="2">PSPN_3 <td colspan="2">PSPN_4 <td colspan="2">PSPN_5 <td colspan="2">PICW_5 </td></td></td></td>		PSPN_3 <td colspan="2">PSPN_4 <td colspan="2">PSPN_5 <td colspan="2">PICW_5 </td></td></td>		PSPN_4 <td colspan="2">PSPN_5 <td colspan="2">PICW_5 </td></td>		PSPN_5 <td colspan="2">PICW_5 </td>		PICW_5	
YEAR	FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT	MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT	MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															

YEAR	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL FUEL COST	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 3	MARCH	STUA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1
YEAR 2021		57	64	65	66	67	68	69	70
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL FIXED FUEL COST	SEASON 3	MARCH	STUA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZIMM_1
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

YEAR	SEASON	MARCH	TCO_POOL	DOMINON	TCO_DELIV	CEREDO	DARBY	DRSDEN	LAWRING
YEAR 2035	3		71	72	73	74	75	76	77
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST		\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF, INPUT, FUEL, TYPE.

FUEL	SEASON	MARCH	71	72	73	74	75	76	77
		TCO_POOL	DOMINON	TCO_DEHY	CEREDO	DARBY	DRESDEN	LAWRNG	
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON	MARCH	78	79	80	81	139	140	141
		ROMONE	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NRS	STRR_BIO	MRS_CO	
---	YEAR 2011	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

SEASONAL	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2011	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON	MARCH	143	144	146	147	148	149	150
		AM3_BIO	BS2_SEP	NMTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP	
---	YEAR 2011	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---

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

FUEL	SEASON	MARCH	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MR5_SI	RP1_BIO	RP2_BIO
----- YEAR 2011 -----	3	=====	151	152	153	154	155	156	157
SEASONAL FIXED FUEL COST			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
		UNIT/DAY							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON 3	MARCH	151	152	153	154	155	156	157
			SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MR5_SI	RP1_BIO	RP2_BIO
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

FUEL	SEASON 4	APRIL	1	2	3	4	5	6	7
			AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
SEASONAL FUEL LIMIT MAXIMUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									

YEAR	SEASON	APRIL	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011	SEASON 4	APRIL	8	9	10	11	12	13	14
SEASONAL FIXED FUEL COST			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	APRIL	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON	APRIL	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
---	YEAR 2011	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---

YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	SEASON 4 APRIL									
FUEL					CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2			
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025
SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST	SEASONAL FIXED FUEL COST
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
453.90	458.93	182.83	188.16	193.66	199.32	205.15	211.15	217.34	223.71	230.26	237.01	243.95	251.10	258.46
-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	4	APRIL	=====													
				CSVL_4	22	CSVL_5	23	CSVL_6	24	COOK_1	25	COOK_2	26	GAVL_1	27	GAVL_2	28
SEASONAL	YEAR 2026	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	266.03	266.03	0.00	0.00					
SEASONAL	YEAR 2027	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	273.83	273.83	0.00	0.00					
SEASONAL	YEAR 2028	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	281.85	281.85	0.00	0.00					
SEASONAL	YEAR 2029	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	290.11	290.11	0.00	0.00					
SEASONAL	YEAR 2030	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	298.61	298.61	0.00	0.00					
SEASONAL	YEAR 2031	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	307.36	307.36	0.00	0.00					
SEASONAL	YEAR 2032	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	316.36	316.36	0.00	0.00					
SEASONAL	YEAR 2033	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	325.63	325.63	0.00	0.00					
SEASONAL	YEAR 2034	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	335.18	335.18	0.00	0.00					
SEASONAL	YEAR 2035	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	344.99	344.99	0.00	0.00					
SEASONAL	YEAR 2036	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	355.10	355.10	0.00	0.00					
SEASONAL	YEAR 2037	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	365.51	365.51	0.00	0.00					
SEASONAL	YEAR 2038	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL	YEAR 2039	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL	YEAR 2040	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
=====				=====													
FUEL	SEASON	4	APRIL	GLN_5	29	GLN_6	30	BSZ 4.5	31	BSZ 3.0	32	KAMM_1	33	KAMM_2	34	KAMM_3	35
SEASONAL	YEAR 2011	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2012	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2013	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2014	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2015	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2016	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2017	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2018	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2019	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2020	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2021	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2022	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2023	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2024	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2025	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2026	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2027	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2028	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2029	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2030	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2031	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2032	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2033	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR	SEASON	APRIL	KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
SEASONAL FIXED FUEL COST	SEASON 4	APRIL							
SEASONAL FUEL LIMIT MAXIMUM			36	37	38	39	40	41	42
SEASONAL FUEL LIMIT MINIMUM									
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2021			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2022			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2023			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2024			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2025			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2026			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2027			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2028			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2029			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2030			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.FUEL.TYPE.

FUEL	SEASON	4	APRIL	KANA_1	36	KANA_2	37	KYGE_1	38	KYGE_2	39	KYGE_3	40	KYGE_4	41	KYGE_5	42
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FUEL	SEASON	4	APRIL	MITC_1	43	MITC_2	44	MPNR_6.0	45	MUSK_1	46	MUSK_2	47	MUSK_3	48	MUSK_4	49
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SEASONAL	FIXED FUEL COST	\$000	UNIT/DAY	SEASONAL	FUEL LIMIT MAXIMUM	UNIT/DAY	SEASONAL	FUEL LIMIT MINIMUM	UNIT/DAY
---	YEAR 2011	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	4	APRIL	STUDY						
				STUDY_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	ZTMM_1
YEAR 2011				64	55	66	67	68	69	70
SEASONAL FIXED FUEL COST				0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

YEAR	SEASON	APRIL	TCO_POOL	DOMINON	TCO_DELV	CEREDO	DARBY	DRESIDEN	IAMWRNG
YEAR 2024	4		71	72	73	74	75	76	77
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011									
SEASONAL FIXED FUEL COST			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

FUEL	SEASON	4	APRIL	71	72	73	74	75	76	77
				TCO_POOL	DOMINON	TCO_DELIV	CEREDO	DARBY	DRESDEN	LAWRNG
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

FUEL	SEASON	4	APRIL	78	79	80	81	139	140	141
				ROBMON	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NB8	STKR_BIO	MRS_CO
YEAR 2011				0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										

YEAR	SEASON	APRIL	AM3_BIO	BS2_SEP	NANTR_BIO	TNR4_SEP	SRTL_SEP	SRTL_BIO	SRT2_SEP
YEAR 2035	SEASON 4		143	144	146	147	148	149	150
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

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

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

FUEL	SEASON	MAY	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
----- YEAR 2011 -----	5	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM									
			\$000						
			UNIT/DAY						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	MAY	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	YEAR 2012								
	YEAR 2013								
	YEAR 2014								
	YEAR 2015								
	YEAR 2016								
	YEAR 2017								
	YEAR 2018								
	YEAR 2019								
	YEAR 2020								
	YEAR 2021								
	YEAR 2022								
	YEAR 2023								
	YEAR 2024								
	YEAR 2025								
	YEAR 2026								
	YEAR 2027								
	YEAR 2028								
	YEAR 2029								
	YEAR 2030								
	YEAR 2031								
	YEAR 2032								
	YEAR 2033								
	YEAR 2034								
	YEAR 2035								
	YEAR 2036								
	YEAR 2037								
	YEAR 2038								
	YEAR 2039								
	YEAR 2040								
	SEASON 5	MAY	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSV_1	CSV_2	CSV_3
			15	16	17	18	19	20	21
SEASONAL FIXED FUEL COST	YEAR 2011	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	YEAR 2011	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	YEAR 2012								
	YEAR 2013								
	YEAR 2014								
	YEAR 2015								
	YEAR 2016								
	YEAR 2017								
	YEAR 2018								
	YEAR 2019								
	YEAR 2020								
	YEAR 2021								
	YEAR 2022								
	YEAR 2023								
	YEAR 2024								

YEAR	SEASON	MAY	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

FUEL	SEASON 5	MAY	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2

SEASONAL FIXED FUEL COST		\$000	0.00	0.00	0.00	453.90	453.90	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

SEASONAL FIXED FUEL COST	YEAR 2012	\$000	0.00	0.00	0.00	458.93	458.93	0.00	0.00

SEASONAL FIXED FUEL COST	YEAR 2013	\$000	0.00	0.00	0.00	182.83	182.83	0.00	0.00

SEASONAL FIXED FUEL COST	YEAR 2014	\$000	0.00	0.00	0.00	188.16	188.16	0.00	0.00

SEASONAL FIXED FUEL COST	YEAR 2015	\$000	0.00	0.00	0.00	193.66	193.66	0.00	0.00

SEASONAL FIXED FUEL COST	YEAR 2016	\$000	0.00	0.00	0.00	199.32	199.32	0.00	0.00

SEASONAL FIXED FUEL COST	YEAR 2017	\$000	0.00	0.00	0.00	205.15	205.15	0.00	0.00

SEASONAL FIXED FUEL COST	YEAR 2018	\$000	0.00	0.00	0.00	211.15	211.15	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	5	MAY	QUALIFIER = GAF.INPUT.FUEL TYPE.														
				CSVL_4_22	CSVL_5_23	CSVL_6_24	COOK_1_25	COOK_2_26	GAVI_1_27	GAVI_2_28	BS2_4_5_31	BS2_3_0_32	KAMM_1_33	KAMM_2_34	KAMM_3_35			
SEASONAL FIXED FUEL COST	YEAR 2019			0.00	0.00	0.00	217.34	217.34	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2020			0.00	0.00	0.00	223.71	223.71	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2021			0.00	0.00	0.00	230.26	230.26	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2022			0.00	0.00	0.00	237.01	237.01	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2023			0.00	0.00	0.00	243.95	243.95	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2024			0.00	0.00	0.00	251.10	251.10	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2025			0.00	0.00	0.00	258.46	258.46	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2026			0.00	0.00	0.00	266.03	266.03	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2027			0.00	0.00	0.00	273.83	273.83	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2028			0.00	0.00	0.00	281.85	281.85	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2029			0.00	0.00	0.00	290.11	290.11	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2030			0.00	0.00	0.00	298.61	298.61	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2031			0.00	0.00	0.00	307.36	307.36	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2032			0.00	0.00	0.00	316.36	316.36	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2033			0.00	0.00	0.00	325.63	325.63	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2034			0.00	0.00	0.00	335.18	335.18	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2035			0.00	0.00	0.00	344.99	344.99	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2036			0.00	0.00	0.00	355.10	355.10	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2037			0.00	0.00	0.00	365.51	365.51	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2038			0.00	0.00	0.00	0.00	0.00	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2039			0.00	0.00	0.00	0.00	0.00	0.00	0.00								
SEASONAL FIXED FUEL COST	YEAR 2040			0.00	0.00	0.00	0.00	0.00	0.00	0.00								

FUEL	SEASON	5	MAY	QUALIFIER = GAF.INPUT.FUEL TYPE.										
				GIEN_5_29	GIEN_6_30	BS2_4_5_31	BS2_3_0_32	KAMM_1_33	KAMM_2_34	KAMM_3_35				
SEASONAL FIXED FUEL COST	YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SEASONAL FUEL LIMIT MAXIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		
SEASONAL FUEL LIMIT MINIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		

YEAR	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON 5	MAY	KANA_1 36	KANA_2 37	KYGE_1 38	KYGE_2 39	KYGE_3 40	KYGE_4 41	KYGE_5 42
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YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

FUEL	SEASON 5	MAY	MITC_1 43	MITC_2 44	MTNR_6.0 45	MUSK_1 46	MUSK_2 47	MUSK_3 48	MUSK_4 49
YEAR 2011		\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									

YEAR	SEASON	MAY	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
SEASONAL FIXED FUEL COST	5		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	MAY	MUSK_50	PSPN_1_51	PSPN_2_52	PSPN_3_53	PSPN_4_54	PSPN_5_55	PICW_5_56	
---	YEAR 2033	---	---	---	---	---	---	---	---	
---	YEAR 2034	---	---	---	---	---	---	---	---	
---	YEAR 2035	---	---	---	---	---	---	---	---	
---	YEAR 2036	---	---	---	---	---	---	---	---	
---	YEAR 2037	---	---	---	---	---	---	---	---	
---	YEAR 2038	---	---	---	---	---	---	---	---	
---	YEAR 2039	---	---	---	---	---	---	---	---	
---	YEAR 2040	---	---	---	---	---	---	---	---	
---	SEASON	MAY	---	---	---	---	---	---	---	
---	---	---	BS2 1.7	57	ROCK_1IM 58	ROCK_2IM 59	ROCK_6P 60	STUA_1 61	STUA_2 62	STUA_3 63
---	SEASONAL FIXED FUEL COST	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2011	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---

FUEL	SEASON	MAY	STUA_4 64	BS1_CC 65	TANN_1 66	TANN_2 67	TANN_3 68	TANN_4 69	ZIMM_1 70
---	YEAR 2011	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---

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

FUEL	SEASON 5	MAY	TCO_POOL 71	DOMINON 72	TCO_DELV 73	CERREDO 74	DARBY 75	DRESDEN 76	LAWRNG 77
----- YEAR 2011 -----			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM									
UNIT/DAY									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	MAY	QUALIFIER = GAF.INPUT.FUEL TYPE.						
			71	72	73	74	75	76	77
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	TCO_POOL	DOMINON	TCO_DELV	CEREDO	DARBY	DRESDEN	IAMRNG
YEAR 2011									
YEAR 2012			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
SEASONAL FUEL LIMIT MAXIMUM									
SEASONAL FUEL LIMIT MINIMUM									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									

FUEL	SEASON	MAY	QUALIFIER = GAF.INPUT.FUEL TYPE.						
			78	79	80	81	139	140	141
SEASONAL FIXED FUEL COST		\$000	ROBMON	WATEROR	ROCK_5.1	MRS_NGCC	PC_S_NBS	STKR_BIO	MRS_CO
YEAR 2011									
YEAR 2012			0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2021			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2022			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2023			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2024			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

YEAR	SEASON	FUEL	AM3_BIO	BS2_SEP	MANTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
YEAR 2025	5	MAY	143	144	146	147	148	149	150
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011									
SEASONAL FIXED FUEL COST			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									

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VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	SEASON	JUNE	AMOS_1	AMOS_2	AMOS_3	BCK_6	BIGS_1	BIGS_2	CARD_1
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
SEASONAL	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									

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

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

FUEL	SEASON 6	JUNE	CSVL_4 22	CSVL_5 23	CSVL_6 24	COOK_1 25	COOK_2 26	GAVI_1 27	GAVI_2 28
SEASONAL FIXED FUEL COST		\$000	0.00	0.00	0.00	453.90	453.90	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 6		JUNE		QUALIFIER = GAF.INPUT.FUEL TYPE.									
	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2	BS2_4.5	BS2_3.0	KAMM_1	KAMM_2	KAMM_3		
SEASONAL YEAR 2012	FIXED FUEL COST	\$000	0.00	0.00	0.00	458.93	458.93	0.00	0.00					
SEASONAL YEAR 2013	FIXED FUEL COST	\$000	0.00	0.00	0.00	182.83	182.83	0.00	0.00					
SEASONAL YEAR 2014	FIXED FUEL COST	\$000	0.00	0.00	0.00	188.16	188.16	0.00	0.00					
SEASONAL YEAR 2015	FIXED FUEL COST	\$000	0.00	0.00	0.00	193.66	193.66	0.00	0.00					
SEASONAL YEAR 2016	FIXED FUEL COST	\$000	0.00	0.00	0.00	199.32	199.32	0.00	0.00					
SEASONAL YEAR 2017	FIXED FUEL COST	\$000	0.00	0.00	0.00	205.15	205.15	0.00	0.00					
SEASONAL YEAR 2018	FIXED FUEL COST	\$000	0.00	0.00	0.00	211.15	211.15	0.00	0.00					
SEASONAL YEAR 2019	FIXED FUEL COST	\$000	0.00	0.00	0.00	217.34	217.34	0.00	0.00					
SEASONAL YEAR 2020	FIXED FUEL COST	\$000	0.00	0.00	0.00	223.71	223.71	0.00	0.00					
SEASONAL YEAR 2021	FIXED FUEL COST	\$000	0.00	0.00	0.00	230.26	230.26	0.00	0.00					
SEASONAL YEAR 2022	FIXED FUEL COST	\$000	0.00	0.00	0.00	237.01	237.01	0.00	0.00					
SEASONAL YEAR 2023	FIXED FUEL COST	\$000	0.00	0.00	0.00	243.95	243.95	0.00	0.00					
SEASONAL YEAR 2024	FIXED FUEL COST	\$000	0.00	0.00	0.00	251.10	251.10	0.00	0.00					
SEASONAL YEAR 2025	FIXED FUEL COST	\$000	0.00	0.00	0.00	258.46	258.46	0.00	0.00					
SEASONAL YEAR 2026	FIXED FUEL COST	\$000	0.00	0.00	0.00	266.03	266.03	0.00	0.00					
SEASONAL YEAR 2027	FIXED FUEL COST	\$000	0.00	0.00	0.00	273.83	273.83	0.00	0.00					
SEASONAL YEAR 2028	FIXED FUEL COST	\$000	0.00	0.00	0.00	281.85	281.85	0.00	0.00					
SEASONAL YEAR 2029	FIXED FUEL COST	\$000	0.00	0.00	0.00	290.11	290.11	0.00	0.00					
SEASONAL YEAR 2030	FIXED FUEL COST	\$000	0.00	0.00	0.00	298.61	298.61	0.00	0.00					
SEASONAL YEAR 2031	FIXED FUEL COST	\$000	0.00	0.00	0.00	307.36	307.36	0.00	0.00					
SEASONAL YEAR 2032	FIXED FUEL COST	\$000	0.00	0.00	0.00	316.36	316.36	0.00	0.00					
SEASONAL YEAR 2033	FIXED FUEL COST	\$000	0.00	0.00	0.00	325.63	325.63	0.00	0.00					
SEASONAL YEAR 2034	FIXED FUEL COST	\$000	0.00	0.00	0.00	335.18	335.18	0.00	0.00					
SEASONAL YEAR 2035	FIXED FUEL COST	\$000	0.00	0.00	0.00	344.99	344.99	0.00	0.00					
SEASONAL YEAR 2036	FIXED FUEL COST	\$000	0.00	0.00	0.00	355.10	355.10	0.00	0.00					
SEASONAL YEAR 2037	FIXED FUEL COST	\$000	0.00	0.00	0.00	365.51	365.51	0.00	0.00					
SEASONAL YEAR 2038	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL YEAR 2039	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL YEAR 2040	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL YEAR 2011	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00					
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00					
SEASONAL YEAR 2012	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

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

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

QUALIFIER = GAR.INPUT.FUEL TYPE.

FUEL	SEASON	6	JUNE	KANA_1	36	KANA_2	37	KYGE_1	38	KYGE_2	39	KYGE_3	40	KYGE_4	41	KYGE_5	42
SEASONAL	FIXED FUEL	COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT	MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT	MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

FUEL	SEASON	6	JUNE	MITC_1	43	MITC_2	44	MTNR_6.0	45	MOSK_1	46	MOSK_2	47	MOSK_3	48	MUSK_4	49
SEASONAL	FIXED FUEL	COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT	MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT	MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL FIXED FUEL COST	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	6	JUNE	MUSK_5	50	PSPN_1	51	PSPN_2	52	PSPN_3	53	PSPN_4	54	PSPN_5	55	PICW_5	56
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FUEL	SEASON	6	JUNE	BS2	1.7	57	ROCK_11M	58	ROCK_21M	59	ROCK_6P	60	STVA_1	61	STVA_2	62	STVA_3	63
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

YEAR	SEASON	JUNE	STQA_4	BS1	TANN_1	TANN_2	TANN_3	TANN_4	ZTRM_1
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2014	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2016	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2021	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2024	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2025	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2026	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2028	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2029	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2030	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2031	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.FUEL TYPE.

FUEL	SEASON	6	JUNE	STUA_4 64	BS1_CC 65	FRANM_1 66	TANN_2 67	TANN_3 68	TANN_4 69	ZIMM_1 70
---	YEAR 2033	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---

FUEL	SEASON	6	JUNE	TCO_POOL 71	DOMINON 72	TCO_DELAY 73	CERREDO 74	DARBY 75	DRESDEN 76	LAMPANG 77
---	YEAR 2011	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---

FUEL	SEASON	6	JUNE	ROBROWNE 78	WATERFOR 79	ROCK_5.1 80	MRS_NGCC 81	PC_S_NEB 139	STKR_BIO 140	MRS_CO 141
---	YEAR 2011	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---

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

FUEL	SEASON	6	JUNE	AM3_BIO	143	BS2_SEP	144	MANTR_BIO	146	TNR4_SEP	147	SRP1_SEP	148	SRP1_BIO	149	SRT2_SEP	150
SEASONAL FIXED FUEL COST				0.00		0.00		0.00		0.00		0.00		0.00		0.00	
SEASONAL FUEL LIMIT MAXIMUM				-1.00		-1.00		-1.00		-1.00		-1.00		-1.00		-1.00	

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF_INPDT.FUEL TYPE.

FUEL	SEASON	6	JUNE	QUALIFIER = GAF_INPDT.FUEL TYPE.													
				AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2012		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2013		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2014		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2015		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2016		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2017		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2018		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2019		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2020		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2021		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2022		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2023		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2024		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011		UNIT/DAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SEASONAL FUEL LIMIT MAXIMUM	YEAR 2011		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	YEAR 2011		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 7	JULY	AMOS_1	AMOS_2	AMOS_3	BRCR_6	BIGS_1	BIGS_2	CARD_1
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON 7	JULY	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
---	YEAR 2011	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---

YEAR	SEASON	JULY	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
SEASONAL	YEAR 2011	FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2011	FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2011	FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
=====									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	JULY	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
	7	=====	22	23	24	25	26	27	28
			CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
FUEL	SEASON	JULY	CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2
-----	YEAR 2011	-----	0.00	0.00	0.00	453.90	453.90	0.00	0.00
SEASONAL	FIXED FUEL COST					-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MAXIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
-----	YEAR 2012	-----	0.00	0.00	0.00	458.93	458.93	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2013	-----	0.00	0.00	0.00	182.83	182.83	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2014	-----	0.00	0.00	0.00	188.16	188.16	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2015	-----	0.00	0.00	0.00	193.66	193.66	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2016	-----	0.00	0.00	0.00	199.32	199.32	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2017	-----	0.00	0.00	0.00	205.15	205.15	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2018	-----	0.00	0.00	0.00	211.15	211.15	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2019	-----	0.00	0.00	0.00	217.34	217.34	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2020	-----	0.00	0.00	0.00	223.71	223.71	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2021	-----	0.00	0.00	0.00	230.26	230.26	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2022	-----	0.00	0.00	0.00	237.01	237.01	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2023	-----	0.00	0.00	0.00	243.95	243.95	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2024	-----	0.00	0.00	0.00	251.10	251.10	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2025	-----	0.00	0.00	0.00	258.46	258.46	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2026	-----	0.00	0.00	0.00	266.03	266.03	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2027	-----	0.00	0.00	0.00	273.83	273.83	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2028	-----	0.00	0.00	0.00	281.85	281.85	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2029	-----	0.00	0.00	0.00	290.11	290.11	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2030	-----	0.00	0.00	0.00	298.61	298.61	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2031	-----	0.00	0.00	0.00	307.36	307.36	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2032	-----	0.00	0.00	0.00	316.36	316.36	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2033	-----	0.00	0.00	0.00	325.63	325.63	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2034	-----	0.00	0.00	0.00	335.18	335.18	0.00	0.00
SEASONAL	FIXED FUEL COST								
-----	YEAR 2035	-----	0.00	0.00	0.00	344.99	344.99	0.00	0.00
SEASONAL	FIXED FUEL COST								

4-Company East Optimization

YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	SEASON 7	JULY	GIEN_5_29	GIEN_6_30	BS2_4_5_31	BS2_3_0_32	KAMM_1_33	KAMM_2_34	KAMM_3_35
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	355.10	0.00	0.00
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365.51	0.00	0.00
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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

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

YEAR	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011																	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
YEAR 2020																	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 7	JULY	STUA_4 64	BS1_CC 65	TANN_1 66	TANN_2 67	TANN_3 68	TANN_4 69	ZIMM_1 70
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---

FUEL	SEASON 7	JULY	TCO_POOL 71	DOMINION 72	TCO_DELIV 73	CERRO 74	DARBY 75	DRESDEN 76	LAWRNG 77
---	YEAR 2011	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---

YEAR	SEASON	JULY	ROHMONE	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NE8	STKR_BIO	MRS_CO
YEAR 2035	7		78	79	80	81	139	140	141
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
SEASONAL FIXED FUEL COST		\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.FUEL TYPE.

FUEL	SEASON	JULY	ROBNONE	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NEB8	STRR_BIO	MRS_CO
---	YEAR 2033	---	78	79	80	81	139	140	141
---	YEAR 2034	---							
---	YEAR 2035	---							
---	YEAR 2036	---							
---	YEAR 2037	---							
---	YEAR 2038	---							
---	YEAR 2039	---							
---	YEAR 2040	---							

FUEL	SEASON	JULY	AM3_BIO	BS2_SEP	MANTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
---	YEAR 2011	---	143	144	146	147	148	149	150
---	YEAR 2012	---							
---	YEAR 2013	---							
---	YEAR 2014	---							
---	YEAR 2015	---							
---	YEAR 2016	---							
---	YEAR 2017	---							
---	YEAR 2018	---							
---	YEAR 2019	---							
---	YEAR 2020	---							
---	YEAR 2021	---							
---	YEAR 2022	---							
---	YEAR 2023	---							
---	YEAR 2024	---							
---	YEAR 2025	---							
---	YEAR 2026	---							
---	YEAR 2027	---							
---	YEAR 2028	---							
---	YEAR 2029	---							
---	YEAR 2030	---							
---	YEAR 2031	---							
---	YEAR 2032	---							
---	YEAR 2033	---							
---	YEAR 2034	---							
---	YEAR 2035	---							
---	YEAR 2036	---							
---	YEAR 2037	---							
---	YEAR 2038	---							
---	YEAR 2039	---							
---	YEAR 2040	---							

SEASONAL FIXED FUEL COST	SEASONAL FUEL LIMIT MAXIMUM	SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
---	YEAR 2011	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2012	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2013	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2014	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2015	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2016	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2017	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2018	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2019	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2020	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2021	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2022	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2023	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2024	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2025	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2026	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2027	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2028	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2029	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2030	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2031	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2032	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2033	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2034	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2035	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2036	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2037	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2038	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2039	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2040	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

FUEL	SEASON	JULY	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRR4_SEP	MRS_SI	RPI_BIO	RP2_BIO
---	YEAR 2011	---	151	152	153	154	155	156	157
---	YEAR 2012	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2013	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2014	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2015	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2016	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2017	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2018	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2019	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2020	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2021	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2022	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2023	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2024	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2025	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2026	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2027	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2028	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2029	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2030	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2031	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2032	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2033	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2034	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2035	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2036	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2037	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2038	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2039	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2040	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

FUEL	SEASON	8	AUGUST	=====
YEAR 2011	AMOS_1	1	0.00	=====
SEASONAL FIXED FUEL COST			\$000	
SEASONAL FUEL LIMIT MAXIMUM			UNIT/DAY	
	AMOS_2	2	0.00	
	AMOS_3	3	0.00	
	BECK_6	4	0.00	
	BIGS_1	5	0.00	
	BIGS_2	6	0.00	
	CARD_1	7	0.00	
			-1.00	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON	8	AUGUST	AMOS_1	1	AMOS_2	2	AMOS_3	3	BECK_6	4	BIGS_1	5	BIGS_2	6	CARD_1	7
SEASONAL	FUEL LIMIT	MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FUEL	SEASON	8	AUGUST	CARD_2	8	CARD_3	9	CLIF_1	10	CLIF_2	11	CLIF_3	12	CLIF_4	13	CLIF_5	14
SEASONAL	FIXED FUEL COST	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT MAXIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

YEAR	SEASON	AUGUST	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011	SEASON 8	AUGUST	15	16	17	18	19	20	21
SEASONAL FIXED FUEL COST			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	AUGUST	CLIF_6_15	CLIN_1_16	CLIN_2_17	CLIN_3_18	CSVL_1_19	CSVL_2_20	CSVL_3_21
---	YEAR 2022	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---
===== SEASON 8 AUGUST =====									
FUEL			CSVL_4_22	CSVL_5_23	CSVL_6_24	COOK_1_25	COOK_2_26	GAVL_1_27	GAVL_2_28
SEASONAL	YEAR 2011	FIXED FUEL COST	\$000 0.00	0.00	0.00	453.90	453.90	0.00	0.00
SEASONAL	YEAR 2011	FUEL LIMIT MAXIMUM	UNIT/DAY -1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2011	FUEL LIMIT MINIMUM	UNIT/DAY -1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2012	FIXED FUEL COST	\$000 0.00	0.00	0.00	458.93	458.93	0.00	0.00
SEASONAL	YEAR 2013	FIXED FUEL COST	\$000 0.00	0.00	0.00	182.83	182.83	0.00	0.00
SEASONAL	YEAR 2014	FIXED FUEL COST	\$000 0.00	0.00	0.00	188.16	188.16	0.00	0.00
SEASONAL	YEAR 2015	FIXED FUEL COST	\$000 0.00	0.00	0.00	193.66	193.66	0.00	0.00
SEASONAL	YEAR 2016	FIXED FUEL COST	\$000 0.00	0.00	0.00	199.32	199.32	0.00	0.00
SEASONAL	YEAR 2017	FIXED FUEL COST	\$000 0.00	0.00	0.00	205.15	205.15	0.00	0.00
SEASONAL	YEAR 2018	FIXED FUEL COST	\$000 0.00	0.00	0.00	211.15	211.15	0.00	0.00
SEASONAL	YEAR 2019	FIXED FUEL COST	\$000 0.00	0.00	0.00	217.34	217.34	0.00	0.00
SEASONAL	YEAR 2020	FIXED FUEL COST	\$000 0.00	0.00	0.00	223.71	223.71	0.00	0.00
SEASONAL	YEAR 2021	FIXED FUEL COST	\$000 0.00	0.00	0.00	230.26	230.26	0.00	0.00
SEASONAL	YEAR 2022	FIXED FUEL COST	\$000 0.00	0.00	0.00	237.01	237.01	0.00	0.00
SEASONAL	YEAR 2023	FIXED FUEL COST	\$000 0.00	0.00	0.00	243.95	243.95	0.00	0.00
SEASONAL	YEAR 2024	FIXED FUEL COST	\$000 0.00	0.00	0.00	251.10	251.10	0.00	0.00
SEASONAL	YEAR 2025	FIXED FUEL COST	\$000 0.00	0.00	0.00	258.46	258.46	0.00	0.00
SEASONAL	YEAR 2026	FIXED FUEL COST	\$000 0.00	0.00	0.00	266.03	266.03	0.00	0.00
SEASONAL	YEAR 2027	FIXED FUEL COST	\$000 0.00	0.00	0.00	273.83	273.83	0.00	0.00

4-Company East Optimization

YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST	YEAR	FIXED FUEL COST
SEASONAL	FIXED FUEL COST	2028	\$000	0.00	0.00	0.00	281.85	281.85	0.00	0.00							
SEASONAL	FIXED FUEL COST	2029	\$000	0.00	0.00	0.00	290.11	290.11	0.00	0.00							
SEASONAL	FIXED FUEL COST	2030	\$000	0.00	0.00	0.00	298.61	298.61	0.00	0.00							
SEASONAL	FIXED FUEL COST	2031	\$000	0.00	0.00	0.00	307.36	307.36	0.00	0.00							
SEASONAL	FIXED FUEL COST	2032	\$000	0.00	0.00	0.00	316.36	316.36	0.00	0.00							
SEASONAL	FIXED FUEL COST	2033	\$000	0.00	0.00	0.00	325.63	325.63	0.00	0.00							
SEASONAL	FIXED FUEL COST	2034	\$000	0.00	0.00	0.00	335.18	335.18	0.00	0.00							
SEASONAL	FIXED FUEL COST	2035	\$000	0.00	0.00	0.00	344.99	344.99	0.00	0.00							
SEASONAL	FIXED FUEL COST	2036	\$000	0.00	0.00	0.00	355.10	355.10	0.00	0.00							
SEASONAL	FIXED FUEL COST	2037	\$000	0.00	0.00	0.00	365.51	365.51	0.00	0.00							
SEASONAL	FIXED FUEL COST	2038	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
SEASONAL	FIXED FUEL COST	2039	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
SEASONAL	FIXED FUEL COST	2040	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
=====																	
FUEL	SEASON	8	AUGUST	=====													
				GLEN_5	29	GLEN_6	30	BS2 4.5	31	BS2 3.0	32	KANM_1	33	KANM_2	34	KANM_3	35
SEASONAL	FIXED FUEL COST		\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FIXED FUEL COST	YEAR 2011															
SEASONAL	FIXED FUEL COST	YEAR 2012															
SEASONAL	FIXED FUEL COST	YEAR 2013															
SEASONAL	FIXED FUEL COST	YEAR 2014															
SEASONAL	FIXED FUEL COST	YEAR 2015															
SEASONAL	FIXED FUEL COST	YEAR 2016															
SEASONAL	FIXED FUEL COST	YEAR 2017															
SEASONAL	FIXED FUEL COST	YEAR 2018															
SEASONAL	FIXED FUEL COST	YEAR 2019															

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

YEAR	SEASON	AUGUST	MITC_1	MITC_2	MTRR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
SEASONAL FIXED FUEL COST	SEASON 8	AUGUST	43	44	45	46	47	48	49
SEASONAL FUEL LIMIT MAXIMUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	8	AUGUST	43	44	45	46	47	48	49
	YEAR 2032			MITC_1	MITC_2	MTNR_6.0	MUSK_1	MUSK_2	MUSK_3	MUSK_4
	YEAR 2033									
	YEAR 2034									
	YEAR 2035									
	YEAR 2036									
	YEAR 2037									
	YEAR 2038									
	YEAR 2039									
	YEAR 2040									

FUEL	SEASON	8	AUGUST	50	51	52	53	54	55	56
	YEAR 2011			MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PIGW_5
SEASONAL FIXED FUEL COST				0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	YEAR 2012									
	YEAR 2013									
	YEAR 2014									
	YEAR 2015									
	YEAR 2016									
	YEAR 2017									
	YEAR 2018									
	YEAR 2019									
	YEAR 2020									
	YEAR 2021									
	YEAR 2022									
	YEAR 2023									
	YEAR 2024									
	YEAR 2025									
	YEAR 2026									
	YEAR 2027									
	YEAR 2028									
	YEAR 2029									
	YEAR 2030									
	YEAR 2031									
	YEAR 2032									
	YEAR 2033									
	YEAR 2034									
	YEAR 2035									
	YEAR 2036									
	YEAR 2037									
	YEAR 2038									
	YEAR 2039									
	YEAR 2040									

SEASON 8 AUGUST

SEASONAL FIXED FUEL COST	UNIT/DAY	BS2 1.7	57	ROCK_11M	58	ROCK_21M	59	ROCK_6P	60	STUA_1	61	STUA_2	62	STUA_3	63
SEASONAL FUEL LIMIT MAXIMUM															
SEASONAL FUEL LIMIT MINIMUM															
	YEAR 2011														
	YEAR 2012														

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

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

YEAR	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL FIXED FUEL COST	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	8	AUGUST	ROHMON	78	WATERFOR	79	ROCK_5.1	80	MRS_NGCC	81	PC_S_NE8	139	STWR_BIO	140	MRS_CO	141
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FUEL	SEASON	8	AUGUST	AM3_BIO	143	BS2_SEP	144	MNTR_BIO	146	TWR4_SEP	147	SRT1_SEP	148	SRT1_BIO	149	SRT2_SEP	150
---	YEAR 2011	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

YEAR	SEASON	AUGUST	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MR5_SI	RP1_BIO	RP2_BIO
YEAR 2035	8		151	152	153	154	155	156	157
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
SEASONAL FIXED FUEL COST		\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	8	AUGUST	SEASON	9	SEPTEMBER
		151	152	153	154	155
		SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI
						RPI_BIO
						RP2_BIO
	YEAR 2033					157
	YEAR 2034					
	YEAR 2035					
	YEAR 2036					
	YEAR 2037					
	YEAR 2038					
	YEAR 2039					
	YEAR 2040					

FUEL	SEASON	9	SEPTEMBER	SEASON	9	SEPTEMBER
		AMOS_1	1	AMOS_2	2	AMOS_3
						BECK_6
						BIGS_1
						BIGS_2
						CARD_1
	YEAR 2011					
	YEAR 2012					
	YEAR 2013					
	YEAR 2014					
	YEAR 2015					
	YEAR 2016					
	YEAR 2017					
	YEAR 2018					
	YEAR 2019					
	YEAR 2020					
	YEAR 2021					
	YEAR 2022					
	YEAR 2023					
	YEAR 2024					
	YEAR 2025					
	YEAR 2026					
	YEAR 2027					
	YEAR 2028					
	YEAR 2029					
	YEAR 2030					
	YEAR 2031					
	YEAR 2032					
	YEAR 2033					
	YEAR 2034					
	YEAR 2035					
	YEAR 2036					
	YEAR 2037					
	YEAR 2038					
	YEAR 2039					
	YEAR 2040					

SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011													
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													
YEAR 2026													
YEAR 2027													
YEAR 2028													
YEAR 2029													
YEAR 2030													
YEAR 2031													
YEAR 2032													
YEAR 2033													
YEAR 2034													
YEAR 2035													
YEAR 2036													
YEAR 2037													
YEAR 2038													
YEAR 2039													
YEAR 2040													

FUEL	SEASON	9	SEPTEMBER	SEASON	8	AUGUST
		CARD_2	8	CARD_3	9	CLIF_1
						CLIF_2
						CLIF_3
						CLIF_4
						CLIF_5
	YEAR 2011					
	YEAR 2012					
	YEAR 2013					

4-Company East Optimization

SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	223.71	223.71	0.00	0.00
----- YEAR 2021 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	230.26	230.26	0.00	0.00
----- YEAR 2022 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	237.01	237.01	0.00	0.00
----- YEAR 2023 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	243.95	243.95	0.00	0.00
----- YEAR 2024 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	251.10	251.10	0.00	0.00
----- YEAR 2025 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	258.46	258.46	0.00	0.00
----- YEAR 2026 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	266.03	266.03	0.00	0.00
----- YEAR 2027 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	273.83	273.83	0.00	0.00
----- YEAR 2028 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	281.85	281.85	0.00	0.00
----- YEAR 2029 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	290.11	290.11	0.00	0.00
----- YEAR 2030 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	298.61	298.61	0.00	0.00
----- YEAR 2031 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	307.36	307.36	0.00	0.00
----- YEAR 2032 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	316.36	316.36	0.00	0.00
----- YEAR 2033 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	325.63	325.63	0.00	0.00
----- YEAR 2034 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	335.18	335.18	0.00	0.00
----- YEAR 2035 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	344.99	344.99	0.00	0.00
----- YEAR 2036 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	355.10	0.00	0.00
----- YEAR 2037 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	365.51	0.00	0.00
----- YEAR 2038 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2039 -----								
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2040 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.FUEL TYPE.

FUEL	SEASON 9 SEPTEMBER						
	GLEN_5 29	GLEN_6 30	BS2 4.5 31	BS2 3.0 32	KAMM_1 33	KAMM_2 34	KAMM_3 35
SEASONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL							
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

FUEL	SEASON 9 SEPTEMBER						
	KAMM_1 36	KAMM_2 37	KYGE_1 38	KYGE_2 39	KYGE_3 40	KYGE_4 41	KYGE_5 42
SEASONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL							
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	9	SEPTEMBER	MITC_1	43	MITC_2	44	MTNR_6.0	45	MUSK_1	46	MUSK_2	47	MUSK_3	48	MUSK_4	49
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FUEL	SEASON	9	SEPTEMBER	MUSK_5	50	PSPN_1	51	PSPN_2	52	PSPN_3	53	PSPN_4	54	PSPN_5	55	PICW_5	56
---	YEAR 2011	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FIXED FUEL COST	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	---	---	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON	9	SEPTEMBER	71	72	73	74	75	76	77
				BS2_1.7	ROCK_11M	ROCK_21M	ROCK_6P	STUA_1	STUA_2	STUA_3
				57	58	59	60	61	62	63
				YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039
				YEAR 2040						

FUEL	SEASON	9	SEPTEMBER	64	65	66	67	68	69	70
				STUA_4	BS1_CC	TANN_1	TANN_2	TANN_3	TANN_4	Z1M1_1
				64	65	66	67	68	69	70
				YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017
				YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
				YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031
				YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038
				YEAR 2039	YEAR 2040					

SEASONAL FIXED FUEL COST	SEASONAL FUEL LIMIT MAXIMUM	SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
YEAR 2011	YEAR 2011	YEAR 2012	YEAR 2012	YEAR 2013	YEAR 2013	YEAR 2013	YEAR 2013	YEAR 2013	YEAR 2013	YEAR 2013
0.00	-1.00	-1.00	0.00	-1.00	-1.00	0.00	-1.00	-1.00	0.00	-1.00
-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

FUEL	SEASON	9	SEPTEMBER	ROBMONR	78	WATERFOR	79	ROCK_5.1	80	MRS_NGCC	91	PC_S_MER	139	STRK_BIO	140	MRS_CO	141
SEASONAL FIXED FUEL COST				0.00		0.00		0.00		0.00		0.00		0.00		0.00	
SEASONAL FUEL LIMIT MAXIMUM				-1.00		-1.00		-1.00		-1.00		-1.00		-1.00		-1.00	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

SEASON 9 SEPTEMBER		QUALIFIER = GAF.INPUT.FUEL TYPE.							
FUEL	SEASON 9 SEPTEMBER	ROBONE 78	WATERFOR 79	ROCK_5.1 80	MRS_NGCC 81	PC_S_NB8 139	STKR_BIO 140	MRS_CO 141	
YEAR 2011	SEASONAL FUEL LIMIT MINIMUM								
YEAR 2012	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON 9 SEPTEMBER		QUALIFIER = GAF.INPUT.FUEL TYPE.							
FUEL	SEASON 9 SEPTEMBER	AM3_BIO 143	BS2_SEP 144	MNTR_BIO 146	TNR4_SEP 147	SR11_SEP 148	SR11_BIO 149	SRP2_SEP 150	
YEAR 2011	SEASONAL FIXED FUEL COST								
YEAR 2012	UNIT/DAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2013	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
YEAR 2014	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 9 SEPTEMBER						
	SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO
YEAR 2022	151	152	153	154	155	156	157
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

FUEL	SEASON 10 OCTOBER						
	AMOS_1	AMOS_2	AMOS_3	BECK_6	BIGS_1	BIGS_2	CARD_1
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							

YEAR	SEASON 10	OCTOBER	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
SEASONAL FIXED FUEL COST			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM			-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									

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

4-Company East Optimization

SEASONAL	YEAR 2014	FIXED FUEL COST	\$000	0.00	0.00	0.00	188.16	188.16	0.00	0.00
SEASONAL	YEAR 2015	FIXED FUEL COST	\$000	0.00	0.00	0.00	193.66	193.66	0.00	0.00
SEASONAL	YEAR 2016	FIXED FUEL COST	\$000	0.00	0.00	0.00	199.32	199.32	0.00	0.00
SEASONAL	YEAR 2017	FIXED FUEL COST	\$000	0.00	0.00	0.00	205.15	205.15	0.00	0.00
SEASONAL	YEAR 2018	FIXED FUEL COST	\$000	0.00	0.00	0.00	211.15	211.15	0.00	0.00
SEASONAL	YEAR 2019	FIXED FUEL COST	\$000	0.00	0.00	0.00	217.34	217.34	0.00	0.00
SEASONAL	YEAR 2020	FIXED FUEL COST	\$000	0.00	0.00	0.00	223.71	223.71	0.00	0.00
SEASONAL	YEAR 2021	FIXED FUEL COST	\$000	0.00	0.00	0.00	230.26	230.26	0.00	0.00
SEASONAL	YEAR 2022	FIXED FUEL COST	\$000	0.00	0.00	0.00	237.01	237.01	0.00	0.00
SEASONAL	YEAR 2023	FIXED FUEL COST	\$000	0.00	0.00	0.00	243.95	243.95	0.00	0.00
SEASONAL	YEAR 2024	FIXED FUEL COST	\$000	0.00	0.00	0.00	251.10	251.10	0.00	0.00
SEASONAL	YEAR 2025	FIXED FUEL COST	\$000	0.00	0.00	0.00	258.46	258.46	0.00	0.00
SEASONAL	YEAR 2026	FIXED FUEL COST	\$000	0.00	0.00	0.00	266.03	266.03	0.00	0.00
SEASONAL	YEAR 2027	FIXED FUEL COST	\$000	0.00	0.00	0.00	273.83	273.83	0.00	0.00
SEASONAL	YEAR 2028	FIXED FUEL COST	\$000	0.00	0.00	0.00	281.85	281.85	0.00	0.00
SEASONAL	YEAR 2029	FIXED FUEL COST	\$000	0.00	0.00	0.00	290.11	290.11	0.00	0.00
SEASONAL	YEAR 2030	FIXED FUEL COST	\$000	0.00	0.00	0.00	298.61	298.61	0.00	0.00
SEASONAL	YEAR 2031	FIXED FUEL COST	\$000	0.00	0.00	0.00	307.36	307.36	0.00	0.00
SEASONAL	YEAR 2032	FIXED FUEL COST	\$000	0.00	0.00	0.00	316.36	316.36	0.00	0.00
SEASONAL	YEAR 2033	FIXED FUEL COST	\$000	0.00	0.00	0.00	325.63	325.63	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.FUEL TYPE.

FUEL	SEASON 10	OCTOBER	CSVL_4 22	CSVL_5 23	CSVL_6 24	COOK_1 25	COOK_2 26	GAVI_1 27	GAVI_2 28
YEAR 2034	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	335.18	335.18	0.00	0.00
YEAR 2035	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	344.99	344.99	0.00	0.00
YEAR 2036	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	355.10	0.00	0.00
YEAR 2037	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	365.51	0.00	0.00
YEAR 2038	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FUEL	SEASON 10	OCTOBER	GLRN_5 29	GLRN_6 30	BS2 4.5 31	BS2 3.0 32	KAMM_1 33	KAMM_2 34	KAMM_3 35
YEAR 2011	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2014	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2015	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2016	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2017	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2018	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2019	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2020	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2021	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2022	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2023	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2024	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2025	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2026	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2027	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2028	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2029	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2030	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2031	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2032	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2033	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2034	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2035	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2036	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2037	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2038	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2039	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2040	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

FUEL	SEASON 10	OCTOBER	KANA_1 36	KANA_2 37	KYGE_1 38	KYGB_2 39	KYGE_3 40	KYGE_4 41	KYGE_5 42
YEAR 2011	SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

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

YEAR	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL FIXED FUEL COST	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011																	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
YEAR 2020																	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON 10	OCTOBER	STUA_4 64	BS1_CC 65	TANN_1 66	TANN_2 67	TANN_3 68	TANN_4 69	ZTMM_1 70
YEAR 2021		BS2 1.7	57						
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL FIXED FUEL COST	SEASONAL FUEL LIMIT MAXIMUM	SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
YEAR 2011	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2012	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2013	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2014	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2015	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2016	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2017	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2018	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2019	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2020	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2021	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2022	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2023	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2024	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2025	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2026	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2027	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2028	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2029	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2030	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2031	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2032	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2033	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00
YEAR 2034	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00	-1.00	0.00

YEAR	SEASON 10	OCTOBER	TCO_POOL	DONINON	TCO_DELY	CEREDO	DARBY	DRESDEN	LAWRNG
YEAR 2035			71	72	73	74	75	76	77
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
SEASONAL FIXED FUEL COST		\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

=====		SEASON 10		OCTOBER		=====		
FUEL		TCO_POOL	DOMINON	TCO_DELV	CEREDO	DARBY	DRESDEN	LAWRNG
-----	YEAR 2033	71	72	73	74	75	76	77
-----	YEAR 2034							
-----	YEAR 2035							
-----	YEAR 2036							
-----	YEAR 2037							
-----	YEAR 2038							
-----	YEAR 2039							
-----	YEAR 2040							

=====		SEASON 10		OCTOBER		=====		
FUEL		ROBMON	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NEB	STKR_BIO	MRS_CO
-----	YEAR 2011	78	79	80	81	139	140	141
-----	YEAR 2012							
-----	YEAR 2013							
-----	YEAR 2014							
-----	YEAR 2015							
-----	YEAR 2016							
-----	YEAR 2017							
-----	YEAR 2018							
-----	YEAR 2019							
-----	YEAR 2020							
-----	YEAR 2021							
-----	YEAR 2022							
-----	YEAR 2023							
-----	YEAR 2024							
-----	YEAR 2025							
-----	YEAR 2026							
-----	YEAR 2027							
-----	YEAR 2028							
-----	YEAR 2029							
-----	YEAR 2030							
-----	YEAR 2031							
-----	YEAR 2032							
-----	YEAR 2033							
-----	YEAR 2034							
-----	YEAR 2035							
-----	YEAR 2036							
-----	YEAR 2037							
-----	YEAR 2038							
-----	YEAR 2039							
-----	YEAR 2040							

=====		SEASON 10		OCTOBER		=====		
FUEL		AM3_BIO	BS2_SEP	MANTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
-----	YEAR 2011	143	144	146	147	148	149	150
-----	YEAR 2012							
-----	YEAR 2013							
-----	YEAR 2014							
-----	YEAR 2015							
-----	YEAR 2016							
-----	YEAR 2017							
-----	YEAR 2018							
-----	YEAR 2019							
-----	YEAR 2020							
-----	YEAR 2021							
-----	YEAR 2022							
-----	YEAR 2023							
-----	YEAR 2024							
-----	YEAR 2025							
-----	YEAR 2026							
-----	YEAR 2027							
-----	YEAR 2028							
-----	YEAR 2029							
-----	YEAR 2030							
-----	YEAR 2031							
-----	YEAR 2032							
-----	YEAR 2033							
-----	YEAR 2034							
-----	YEAR 2035							
-----	YEAR 2036							
-----	YEAR 2037							
-----	YEAR 2038							
-----	YEAR 2039							
-----	YEAR 2040							

=====		SEASON 10		OCTOBER		=====	
SEASONAL FUEL LIMIT MAXIMUM	SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY	UNIT/DAY
-----	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
-----	YEAR 2013	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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

FUEL	SEASON 10	OCTOBER	-----
YEAR 2011			
SEASONAL FIXED FUEL COST	SRT2_BIO 151	0.00	
SEASONAL FUEL LIMIT MAXIMUM	SRT3_SEP 152	-1.00	
	SRT3_BIO 153	0.00	
	SRT4_SEP 154	-1.00	
	MR5_SI 155	0.00	
	RP1_BIO 156	-1.00	
	RP2_BIO 157	0.00	

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 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

SEASON 10 OCTOBER		SEASON 11 NOVEMBER						
FUEL	UNIT/DAY	SRF2_B10	SRF3_SEP	SRF3_B10	SRF4_SEP	MRS_SI	RP1_B10	RP2_B10
YEAR 2011	-1.00	151	152	153	154	155	156	157
SEASONAL FUEL LIMIT MINIMUM								
YEAR 2012	-1.00							
YEAR 2013	-1.00							
YEAR 2014	-1.00							
YEAR 2015	-1.00							
YEAR 2016	-1.00							
YEAR 2017	-1.00							
YEAR 2018	-1.00							
YEAR 2019	-1.00							
YEAR 2020	-1.00							
YEAR 2021	-1.00							
YEAR 2022	-1.00							
YEAR 2023	-1.00							
YEAR 2024	-1.00							
YEAR 2025	-1.00							
YEAR 2026	-1.00							
YEAR 2027	-1.00							
YEAR 2028	-1.00							
YEAR 2029	-1.00							
YEAR 2030	-1.00							
YEAR 2031	-1.00							
YEAR 2032	-1.00							
YEAR 2033	-1.00							
YEAR 2034	-1.00							
YEAR 2035	-1.00							
YEAR 2036	-1.00							
YEAR 2037	-1.00							
YEAR 2038	-1.00							
YEAR 2039	-1.00							
YEAR 2040	-1.00							
YEAR 2011	0.00	AMOS_1	AMOS_2	AMOS_3	BRCK_6	BIGS_1	BIGS_2	CARD_1
SEASONAL FUEL LIMIT MAXIMUM		1	2	3	4	5	6	7
SEASONAL FUEL LIMIT MINIMUM								
YEAR 2012	-1.00							
YEAR 2013	-1.00							
YEAR 2014	-1.00							
YEAR 2015	-1.00							
YEAR 2016	-1.00							
YEAR 2017	-1.00							
YEAR 2018	-1.00							
YEAR 2019	-1.00							
YEAR 2020	-1.00							
YEAR 2021	-1.00							
YEAR 2022	-1.00							
YEAR 2023	-1.00							
YEAR 2024	-1.00							

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

FUEL ===== SEASON 11 NOVEMBER =====

	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5
----- YEAR 2011 -----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 11 NOVEMBER														
	CARD_2	CARD_3	CLIF_1	CLIF_2	CLIF_3	CLIF_4	CLIF_5	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3	
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FUEL	SEASON 11 NOVEMBER														
	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3	CLIF_15	CLIN_16	CLIN_17	CLIN_18	CSVL_19	CSVL_20	CSVL_21	
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MAXIMUM	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	SEASONAL FUEL LIMIT MINIMUM	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---

YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	===== SEASON 11 NOVEMBER =====									
FUEL					CSVL_4	CSVL_5	CSVL_6	COOK_1	COOK_2	GAVI_1	GAVI_2			
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	573.71	586.54	593.01	599.67	606.28
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	580.03	586.54	593.01	599.67	606.28
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	573.71	586.54	593.01	599.67	606.28
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	567.34	586.54	593.01	599.67	606.28
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	549.32	543.66	532.83	538.16	549.32
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	549.32	543.66	532.83	538.16	549.32
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	555.15	555.15	555.15	555.15	555.15
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	561.15	561.15	561.15	561.15	561.15
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	567.34	567.34	567.34	567.34	567.34
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	573.71	573.71	573.71	573.71	573.71
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	580.03	580.03	580.03	580.03	580.03
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	586.54	586.54	586.54	586.54	586.54
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	593.01	593.01	593.01	593.01	593.01
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	599.67	599.67	599.67	599.67	599.67
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	606.28	606.28	606.28	606.28	606.28

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL		SEASON 11 NOVEMBER													
		CSVL_4_22	CSVL_5_23	CSVL_6_24	COOK_1_25	COOK_2_26	GAVI_1_27	GAVI_2_28	GLEN_5_29	GLEN_6_30	BS2_4.5_31	BS2_3.0_32	KAMM_1_33	KAMM_2_34	KAMM_3_35
SEASONAL	YEAR 2026	FIXED FUEL COST	\$000	0.00	0.00	0.00	613.08	613.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2027	FIXED FUEL COST	\$000	0.00	0.00	0.00	619.84	619.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2028	FIXED FUEL COST	\$000	0.00	0.00	0.00	626.80	626.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2029	FIXED FUEL COST	\$000	0.00	0.00	0.00	633.71	633.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2030	FIXED FUEL COST	\$000	0.00	0.00	0.00	640.83	640.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2031	FIXED FUEL COST	\$000	0.00	0.00	0.00	647.89	647.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2032	FIXED FUEL COST	\$000	0.00	0.00	0.00	655.16	655.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2033	FIXED FUEL COST	\$000	0.00	0.00	0.00	662.38	662.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2034	FIXED FUEL COST	\$000	0.00	0.00	0.00	669.82	669.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2035	FIXED FUEL COST	\$000	0.00	0.00	0.00	677.20	677.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2036	FIXED FUEL COST	\$000	0.00	0.00	0.00	684.81	684.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2037	FIXED FUEL COST	\$000	0.00	0.00	0.00	692.36	692.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2038	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2039	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2040	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
===== SEASON 11 NOVEMBER =====															
FUEL															
SEASONAL	YEAR 2011	FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	YEAR 2012	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2013	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2014	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2015	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2016	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2017	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2018	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2019	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2020	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2021	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2022	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2023	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2024	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2025	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2026	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2027	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2028	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2029	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2030	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2031	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2032	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	YEAR 2033	FIXED FUEL COST	\$000	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

YEAR	SEASON 11 NOVEMBER	KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5
YEAR 2034		36	37	38	39	40	41	42
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
YEAR 2011	SEASONAL FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT,FUEL TYPE.

FUEL		SEASON 11 NOVEMBER													
		BS2 1.7	57	ROCK_lim	58	ROCK_2IM	59	ROCK_6P	60	STVA_1	61	STVA_2	62	STVA_3	63
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	UNIT/DAY														
	UNIT/DAY														
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---
FUEL		SEASON 11 NOVEMBER													
		STVA_4	64	BS1_CC	65	TANN_1	66	TANN_2	67	TANN_3	68	TANN_4	69	ZIMM_1	70
SEASONAL	FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL	FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL	FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	UNIT/DAY														
	UNIT/DAY														
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL	SEASON 11 NOVEMBER	TCO_POOL	DOMINON	TCO_DELV	CEREDO	DARBY	DRESDEN	IAMWNG
		71	72	73	74	75	76	77

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

FUEL	SEASON 11 NOVEMBER	ROBMONNE	WATERFOR	ROCK_5.1	MRS_NGCC	PC_S_NEB	STKR_BIO	MRS_CO
		78	79	80	81	139	140	141

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

SEASONAL FIXED FUEL COST	0.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00
YEAR 2011	0.00
YEAR 2012	-1.00
YEAR 2013	-1.00
YEAR 2014	-1.00
YEAR 2015	-1.00
YEAR 2016	-1.00
YEAR 2017	-1.00
YEAR 2018	-1.00
YEAR 2019	-1.00
YEAR 2020	-1.00
YEAR 2021	-1.00
YEAR 2022	-1.00
YEAR 2023	-1.00
YEAR 2024	-1.00
YEAR 2025	-1.00
YEAR 2026	-1.00
YEAR 2027	-1.00
YEAR 2028	-1.00
YEAR 2029	-1.00
YEAR 2030	-1.00
YEAR 2031	-1.00
YEAR 2032	-1.00
YEAR 2033	-1.00
YEAR 2034	-1.00

YEAR	SEASON 11 NOVEMBER	AM3_BIO	BS2_SEP	MATR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
YEAR 2035	-----							
YEAR 2036	-----							
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							
YEAR 2040	-----							
FUEL	-----							
SEASONAL FIXED FUEL COST	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	-----	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-----	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011	-----							
YEAR 2012	-----							
YEAR 2013	-----							
YEAR 2014	-----							
YEAR 2015	-----							
YEAR 2016	-----							
YEAR 2017	-----							
YEAR 2018	-----							
YEAR 2019	-----							
YEAR 2020	-----							
YEAR 2021	-----							
YEAR 2022	-----							
YEAR 2023	-----							
YEAR 2024	-----							
YEAR 2025	-----							
YEAR 2026	-----							
YEAR 2027	-----							
YEAR 2028	-----							
YEAR 2029	-----							
YEAR 2030	-----							
YEAR 2031	-----							
YEAR 2032	-----							

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

APP BASE
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

SEASON 11 NOVEMBER		SEASON 12 DECEMBER	
FUEL			
YEAR 2033	AM3_BIO 143	BS2_SEP 144	MANTR_BIO 146
YEAR 2034			TNR4_SEP 147
YEAR 2035			SRT1_SEP 148
YEAR 2036			SRT1_BIO 149
YEAR 2037			SRT2_SEP 150
YEAR 2038			
YEAR 2039			
YEAR 2040			

SEASON 11 NOVEMBER		SEASON 12 DECEMBER	
FUEL			
YEAR 2011	SRT2_BIO 151	SRT3_SEP 152	SRT3_BIO 153
YEAR 2012			SRT4_SEP 154
YEAR 2013			MR3_SI 155
YEAR 2014			RP1_BIO 156
YEAR 2015			RP2_BIO 157
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

SEASON 11 NOVEMBER		SEASON 12 DECEMBER	
SEASONAL FIXED FUEL COST	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00
YEAR 2011			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
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YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
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YEAR 2030			
YEAR 2031			
YEAR 2032			
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YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

SEASON 12 DECEMBER		SEASON 11 NOVEMBER	
FUEL			
YEAR 2011	AMOS_1 1	AMOS_2 2	AMOS_3 3
YEAR 2012			BECK_6 4
YEAR 2013			BIGS_1 5
			BIGS_2 6
			CARD_1 7
SEASONAL FIXED FUEL COST	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00
YEAR 2011			
YEAR 2012			
YEAR 2013			

----- YEAR 2014 -----
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 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

FUEL	SEASON 12 DECEMBER
----- YEAR 2011 -----	-----
SEASONAL FIXED FUEL COST	CARD_2 8
SEASONAL FUEL LIMIT MAXIMUM	CARD_3 9
	CLIF_1 10
	CLIF_2 11
	CLIF_3 12
	CLIF_4 13
	CLIF_5 14

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

\$000	UNIT/DAY
0.00	-1.00
0.00	-1.00
0.00	-1.00
0.00	-1.00
0.00	-1.00
0.00	-1.00
0.00	-1.00
0.00	-1.00
0.00	-1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 12 DECEMBER													
	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
SEASONAL FUEL LIMIT MINIMUM														
	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	CARD_2	8	CARD_3	9	CLIF_1	10	CLIF_2	11	CLIF_3	12	CLIF_4	13	CLIF_5	14

FUEL	SEASON 12 DECEMBER										
	CLIF_6	CLIN_1	CLIN_2	CLIN_3	CSVL_1	CSVL_2	CSVL_3				
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00				
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00				
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00				
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											

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 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

FUEL		SEASON 12 DECEMBER							
		CSVL_4_22	CSVL_5_23	CSVL_6_24	COOK_1_25	COOK_2_26	GAVI_1_27	GAVI_2_28	
SEASONAL	YEAR 2011	0.00	0.00	0.00	453.90	453.90	0.00	0.00	
SEASONAL	FIXED FUEL COST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL	FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
SEASONAL	FUEL LIMIT MINIMUM								
SEASONAL	YEAR 2012	0.00	0.00	0.00	458.93	458.93	0.00	0.00	
SEASONAL	FIXED FUEL COST								
SEASONAL	YEAR 2013	0.00	0.00	0.00	182.83	182.83	0.00	0.00	
SEASONAL	FIXED FUEL COST								
SEASONAL	YEAR 2014	0.00	0.00	0.00	188.16	188.16	0.00	0.00	
SEASONAL	FIXED FUEL COST								
SEASONAL	YEAR 2015	0.00	0.00	0.00	193.66	193.66	0.00	0.00	
SEASONAL	FIXED FUEL COST								
SEASONAL	YEAR 2016	0.00	0.00	0.00	199.32	199.32	0.00	0.00	
SEASONAL	FIXED FUEL COST								
SEASONAL	YEAR 2017	0.00	0.00	0.00	205.15	205.15	0.00	0.00	
SEASONAL	FIXED FUEL COST								
SEASONAL	YEAR 2018	0.00	0.00	0.00	211.15	211.15	0.00	0.00	
SEASONAL	FIXED FUEL COST								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

FUEL		SEASON 12 DECEMBER											
		CSVL_4_22	CSVL_5_23	CSVL_6_24	COOK_1_25	COOK_2_26	GAVI_1_27	GAVI_2_28					
SEASONAL FIXED FUEL COST	YEAR 2019	0.00	0.00	0.00	217.34	217.34	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2020	0.00	0.00	0.00	223.71	223.71	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2021	0.00	0.00	0.00	230.26	230.26	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2022	0.00	0.00	0.00	237.01	237.01	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2023	0.00	0.00	0.00	243.95	243.95	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2024	0.00	0.00	0.00	251.10	251.10	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2025	0.00	0.00	0.00	258.46	258.46	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2026	0.00	0.00	0.00	266.03	266.03	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2027	0.00	0.00	0.00	273.83	273.83	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2028	0.00	0.00	0.00	281.85	281.85	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2029	0.00	0.00	0.00	290.11	290.11	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2030	0.00	0.00	0.00	298.61	298.61	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2031	0.00	0.00	0.00	307.36	307.36	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2032	0.00	0.00	0.00	316.36	316.36	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2033	0.00	0.00	0.00	325.63	325.63	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2034	0.00	0.00	0.00	335.18	335.18	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2035	0.00	0.00	0.00	344.99	344.99	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2036	0.00	0.00	0.00	0.00	355.10	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2037	0.00	0.00	0.00	0.00	365.51	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL FIXED FUEL COST	YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

FUEL	SEASON 12 DECEMBER	-----											
		GLEN_5_29	GLEN_6_30	BS2_4.5_31	BS2_3.0_32	KANM_1_33	KANM_2_34	KANM_3_35					
SEASONAL FIXED FUEL COST	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
SEASONAL FUEL LIMIT MAXIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00					
SEASONAL FUEL LIMIT MINIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00					

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

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

FUEL

===== SEASON 12 DECEMBER =====

YEAR	SEASON 12 DECEMBER	KANA_1	KANA_2	KYGE_1	KYGE_2	KYGE_3	KYGE_4	KYGE_5
YEAR 2011	36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT MINIMUM		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL TYPE.

FUEL	SEASON 12 DECEMBER	KANA_1 36	KANA_2 37	KYGE_1 38	KYGE_2 39	KYGE_3 40	KYGE_4 41	KYGE_5 42
---	YEAR 2021	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---

FUEL	SEASON 12 DECEMBER	MITC_1 43	MITC_2 44	MTNR_6.0 45	MUSK_1 46	MUSK_2 47	MUSK_3 48	MUSK_4 49
---	YEAR 2011	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---

YEAR	SEASON 12 DECEMBER	MUSK_5	PSPN_1	PSPN_2	PSPN_3	PSPN_4	PSPN_5	PICW_5
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
	SEASONAL FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.FUEL TYPE.

SEASON 12 DECEMBER									
FUEL	MUSK_50	PSPN_1_51	PSPN_2_52	PSPN_3_53	PSPN_4_54	PSPN_5_55	PICW_56		
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON 12 DECEMBER									
FUEL	BS2_1_57	ROCK_11M_58	ROCK_21M_59	ROCK_6P_60	STVA_1_61	STVA_2_62	STVA_3_63		
YEAR 2011									
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00		
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON 12 DECEMBER

SEASON 12 DECEMBER									
FUEL	STVA_4_64	BS1_CC_65	TANN_1_66	TANN_2_67	TANN_3_68	TANN_4_69	ZIWA_1_70		
YEAR 2011									
SEASONAL FIXED FUEL COST	\$000	0.00	0.00	0.00	0.00	0.00	0.00		
SEASONAL FUEL LIMIT MAXIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		
SEASONAL FUEL LIMIT MINIMUM	UNIT/DAY	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		
YEAR 2012									
YEAR 2013									

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

===== SEASON 12 DECEMBER =====

FUEL	TCO_POOL	DOMINION	TCO_DELV	CEREDO	DARBY	DRESDEN	LAMPNG
----- YEAR 2011 -----	71	72	73	74	75	76	77
SEASONAL FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
UNIT/DAY							

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 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

SEASON 12 DECEMBER		FUEL								
YEAR	SEASONAL FUEL LIMIT	MINIMUM	UNIT/DAY	71 TCO_POOL	72 DOMINON	73 TCO_DELV	74 CREDO	75 DARBY	76 DRESDEN	77 LAWRNG
YEAR 2011										
YEAR 2012				-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

SEASON 12 DECEMBER		FUEL							
SEASONAL FUEL LIMIT	FIXED FUEL COST	UNIT/DAY	78 ROBMON	79 WATERFOR	80 ROCK_5.1	81 MR5_NGCC	139 PC_S_MEB	140 STRK_BIO	141 MR5_CO
SEASONAL FUEL LIMIT	MAXIMUM	0.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
SEASONAL FUEL LIMIT	MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									

		SEASON 12 DECEMBER									
		AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRP1_SEP	SRP1_BIO	SRP2_SEP			
		143	144	146	147	148	149	150			
YEAR	FUEI										
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
YEAR 2011	SEASONAL FIXED FUEI COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2011	SEASONAL FUEI LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
YEAR 2011	SEASONAL FUEI LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.FUEL.TYPE.

SEASON 12 DECEMBER		143	144	146	147	148	149	150
FUEL		AM3_BIO	BS2_SEP	MNTR_BIO	TNR4_SEP	SRT1_SEP	SRT1_BIO	SRT2_SEP
---	YEAR 2022	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---

SEASON 12 DECEMBER		151	152	153	154	155	156	157
FUEL		SRT2_BIO	SRT3_SEP	SRT3_BIO	SRT4_SEP	MRS_SI	RP1_BIO	RP2_BIO
---	YEAR 2011	---	---	---	---	---	---	---
---	SEASONAL FIXED FUEL COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	SEASONAL FUEL LIMIT MAXIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	SEASONAL FUEL LIMIT MINIMUM	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
---	YEAR 2012	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---

4-Company East Optimization

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

HYDRO UNIT	1	2	3
	HYDRO AP	HYDRO IM	RACINE
AIR BASIN POINTE	1	2	3
COMMISSION MONTH	0	0	0
COMMISSION YEAR	1	1	1
COMMITMENT CONTRIBUTION	1	1	1
ESCALATION ANGLIARY REVENUE	2011	2011	2011
ESCALATION CAPACITY REVENUE	N	N	N
ESCALATION FIXED COSTS			
ESCALATION VARIABLE COSTS			
RETIREMENT MONTH			
RETIREMENT YEAR	12	12	12
SOURCE INDEX NUMBER	2045	2045	2045
SPINNING CONTRIBUTION	0	0	0
SYSTEM AGGREGATE POINTE	100.00	100.00	100.00
	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

HYDRO UNIT	1	2	3
	HYDRO AP	HYDRO IM	RACINE
	0	0	0
----- YEAR 2011 -----			
ANCIILLARY REVENUE RATE	0.00	0.00	0.00
ANNUAL HYDRO ENERGY	678900.00	116500.00	177300.00
CAPACITY REVENUE PROFILE	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00
FIXED COSTS	0	0	0
HYDRO ENERGY POINTNER	0	0	0
HYDRO MAXIMUM CAPACITY POINTNER	-31	-32	-20
HYDRO MINIMUM CAPACITY POINTNER	121.00	18.00	26.00
MAXIMUM CAPACITY	20.00	2.00	1.00
MINIMUM CAPACITY	100.00	100.00	100.00
PERCENT FIRM	0.00	0.00	0.00
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00
RENEWABLE O AND M COSTS	0.00	0.00	0.00
----- YEAR 2012 -----			
ANNUAL HYDRO ENERGY	696500.00	118600.00	183600.00
----- YEAR 2013 -----			
ANNUAL HYDRO ENERGY	667200.00	118900.00	183600.00
----- YEAR 2014 -----			
ANNUAL HYDRO ENERGY	714200.00	117700.00	183600.00
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

GENERATING COMPANIES HYDRO UNIT	1 OPGO+CSP HYDRO AP	2 HYDRO IM	3 RACINE
YEAR 2011	0.00	0.00	1.00
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES
HYDRO UNIT

2 IAW	1 HYDRO AP	2 HYDRO IM	3 RACINE
0.00	0	0	0

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

OWNERSHIP RATIO

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

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

GENERATING COMPANIES
 HYDRO UNIT

3 ARCO
 1 HYDRO AP
 2 HYDRO IM
 3 RACINE
 0 0 0

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

GENERATING COMPANIES HYDRO UNIT	3 APCCO	1 HYDRO AP	2 HYDRO IM	3 RACTINE
YEAR 2023		0	0	0
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

GENERATING COMPANIES
HYDRO UNIT

4 KRCCO	1 HYDRO AP	2 HYDRO IM	3 RACTINE
0	0	0	0

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				

4-Company East Optimization

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAF.INPUT.HYDRO UNIT.

HYDRO UNIT	SEASON 1 JANUARY		
	1 HYDRO AP 0	2 HYDRO IM 0	3 RACINE 0
----- YEAR 2011 -----			
SEASONAL HYDRO ENERGY	RATIO	0.09	0.09
----- YEAR 2012 -----			
SEASONAL HYDRO ENERGY	RATIO	0.10	0.09
----- YEAR 2013 -----			
SEASONAL HYDRO ENERGY	RATIO	0.10	0.09
----- YEAR 2014 -----			
SEASONAL HYDRO ENERGY	RATIO	0.10	0.09
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			
----- YEAR 2022 -----			
----- YEAR 2023 -----			
----- YEAR 2024 -----			
----- YEAR 2025 -----			
----- YEAR 2026 -----			
----- YEAR 2027 -----			
----- YEAR 2028 -----			
----- YEAR 2029 -----			
----- YEAR 2030 -----			
----- YEAR 2031 -----			
----- YEAR 2032 -----			
----- YEAR 2033 -----			
----- YEAR 2034 -----			
----- YEAR 2035 -----			
----- YEAR 2036 -----			
----- YEAR 2037 -----			
----- YEAR 2038 -----			
----- YEAR 2039 -----			
----- YEAR 2040 -----			
----- YEAR 2041 -----			

HYDRO UNIT	SEASON 2 FEBRUARY		
	1 HYDRO AP 0	2 HYDRO IM 0	3 RACINE 0
----- YEAR 2011 -----			
SEASONAL HYDRO ENERGY	RATIO	0.10	0.08
----- YEAR 2012 -----			
SEASONAL HYDRO ENERGY	RATIO	0.10	0.09
----- YEAR 2013 -----			
SEASONAL HYDRO ENERGY	RATIO	0.10	0.08
----- YEAR 2014 -----			
SEASONAL HYDRO ENERGY	RATIO	0.10	0.08
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			
----- YEAR 2018 -----			
----- YEAR 2019 -----			
----- YEAR 2020 -----			
----- YEAR 2021 -----			

YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY	SEASONAL HYDRO ENERGY
RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO	RATIO
0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
HYDRO AP	HYDRO IM	RACINE																
0	0	0																

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT, HYDRO UNIT.

HYDRO UNIT	SEASON 3	MARCH	1	2	3
			HYDRO AP	HYDRO IM	RACINE
			0	0	0
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

HYDRO UNIT	SEASON 4	APRIL	1	2	3
			HYDRO AP	HYDRO IM	RACINE
			0	0	0
YEAR 2011					
SEASONAL HYDRO ENERGY		RATIO	0.12	0.11	0.08
YEAR 2012					
SEASONAL HYDRO ENERGY		RATIO	0.12	0.11	0.08
YEAR 2013					
SEASONAL HYDRO ENERGY		RATIO	0.12	0.11	0.08
YEAR 2014					
SEASONAL HYDRO ENERGY		RATIO	0.11	0.11	0.08
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					

YEAR	SEASON	MAY	HYDRO AP	HYDRO IM	RACINE
YEAR 2031	5		1	2	3
YEAR 2032			0	0	0
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
YEAR 2011					
SEASONAL HYDRO ENERGY		RATIO	0.11	0.09	0.11
SEASONAL HYDRO ENERGY		RATIO	0.11	0.09	0.10
SEASONAL HYDRO ENERGY		RATIO	0.11	0.09	0.10
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

HYDRO UNIT	SEASON	MAY		
		1 HYDRO AP 0	2 HYDRO IM 0	3 RACINE 0
---	YEAR 2027	---	---	---
---	YEAR 2028	---	---	---
---	YEAR 2029	---	---	---
---	YEAR 2030	---	---	---
---	YEAR 2031	---	---	---
---	YEAR 2032	---	---	---
---	YEAR 2033	---	---	---
---	YEAR 2034	---	---	---
---	YEAR 2035	---	---	---
---	YEAR 2036	---	---	---
---	YEAR 2037	---	---	---
---	YEAR 2038	---	---	---
---	YEAR 2039	---	---	---
---	YEAR 2040	---	---	---

HYDRO UNIT	SEASON	JUNE			
		1 HYDRO AP 0	2 HYDRO IM 0	3 RACINE 0	
---	YEAR 2011	---	---	---	
---	SEASONAL HYDRO ENERGY	RATIO	0.07	0.08	0.10
---	YEAR 2012	---	---	---	
---	SEASONAL HYDRO ENERGY	RATIO	0.08	0.08	0.09
---	YEAR 2013	---	---	---	
---	SEASONAL HYDRO ENERGY	RATIO	0.07	0.08	0.09
---	YEAR 2014	---	---	---	
---	SEASONAL HYDRO ENERGY	RATIO	0.08	0.08	0.09
---	YEAR 2015	---	---	---	
---	YEAR 2016	---	---	---	
---	YEAR 2017	---	---	---	
---	YEAR 2018	---	---	---	
---	YEAR 2019	---	---	---	
---	YEAR 2020	---	---	---	
---	YEAR 2021	---	---	---	
---	YEAR 2022	---	---	---	
---	YEAR 2023	---	---	---	
---	YEAR 2024	---	---	---	
---	YEAR 2025	---	---	---	
---	YEAR 2026	---	---	---	
---	YEAR 2027	---	---	---	
---	YEAR 2028	---	---	---	
---	YEAR 2029	---	---	---	
---	YEAR 2030	---	---	---	
---	YEAR 2031	---	---	---	
---	YEAR 2032	---	---	---	
---	YEAR 2033	---	---	---	
---	YEAR 2034	---	---	---	
---	YEAR 2035	---	---	---	
---	YEAR 2036	---	---	---	
---	YEAR 2037	---	---	---	
---	YEAR 2038	---	---	---	
---	YEAR 2039	---	---	---	
---	YEAR 2039	---	---	---	

YEAR 2040	SEASON 7	JULY	HYDRO AP 1 0	HYDRO IM 2 0	RACINE 3 0
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.09	
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.08	
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.08	
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.08	
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAF,INPUT,HYDRO UNIT.

HYDRO UNIT	SEASON 7	JULY	1	2	3
			HYDRO AP	HYDRO IM	RACINE
YEAR 2036			0	0	0
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

HYDRO UNIT	SEASON 8	AUGUST	1	2	3
			HYDRO AP	HYDRO IM	RACINE
YEAR 2011			0	0	0
SEASONAL HYDRO ENERGY		RATIO	0.05	0.06	0.05
YEAR 2012					
SEASONAL HYDRO ENERGY		RATIO	0.05	0.06	0.07
YEAR 2013					
SEASONAL HYDRO ENERGY		RATIO	0.05	0.06	0.07
YEAR 2014					
SEASONAL HYDRO ENERGY		RATIO	0.05	0.06	0.07
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

HYDRO UNIT	SEASON 9	SEPTEMBER	1	2	3
			HYDRO AP	HYDRO IM	RACINE
YEAR 2011			0	0	0
SEASONAL HYDRO ENERGY		RATIO	0.05	0.06	0.05
YEAR 2012					
SEASONAL HYDRO ENERGY		RATIO	0.04	0.06	0.07
YEAR 2013					
SEASONAL HYDRO ENERGY		RATIO	0.04	0.06	0.07
YEAR 2014					

SEASONAL HYDRO ENERGY	RATIO	0.05	0.06	0.07
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				
----- YEAR 2011 -----				
SEASONAL HYDRO ENERGY	RATIO	0.06	0.07	0.08

```

===== SEASON 10 OCTOBER =====
HYDRO UNIT      1
HYDRO AP       0
HYDRO IM       2
FACTINE        3

```

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.HYDRO UNIT.

HYDRO UNIT		SEASON 10 OCTOBER		
		1 HYDRO AP 0	2 HYDRO TM 0	3 RACINE 0
SEASONAL HYDRO ENERGY	YEAR 2012	RATIO 0.06	0.06	0.08
SEASONAL HYDRO ENERGY	YEAR 2013	RATIO 0.06	0.07	0.08
SEASONAL HYDRO ENERGY	YEAR 2014	RATIO 0.06	0.07	0.08
SEASONAL HYDRO ENERGY	YEAR 2015			
SEASONAL HYDRO ENERGY	YEAR 2016			
SEASONAL HYDRO ENERGY	YEAR 2017			
SEASONAL HYDRO ENERGY	YEAR 2018			
SEASONAL HYDRO ENERGY	YEAR 2019			
SEASONAL HYDRO ENERGY	YEAR 2020			
SEASONAL HYDRO ENERGY	YEAR 2021			
SEASONAL HYDRO ENERGY	YEAR 2022			
SEASONAL HYDRO ENERGY	YEAR 2023			
SEASONAL HYDRO ENERGY	YEAR 2024			
SEASONAL HYDRO ENERGY	YEAR 2025			
SEASONAL HYDRO ENERGY	YEAR 2026			
SEASONAL HYDRO ENERGY	YEAR 2027			
SEASONAL HYDRO ENERGY	YEAR 2028			
SEASONAL HYDRO ENERGY	YEAR 2029			
SEASONAL HYDRO ENERGY	YEAR 2030			
SEASONAL HYDRO ENERGY	YEAR 2031			
SEASONAL HYDRO ENERGY	YEAR 2032			
SEASONAL HYDRO ENERGY	YEAR 2033			
SEASONAL HYDRO ENERGY	YEAR 2034			
SEASONAL HYDRO ENERGY	YEAR 2035			
SEASONAL HYDRO ENERGY	YEAR 2036			
SEASONAL HYDRO ENERGY	YEAR 2037			
SEASONAL HYDRO ENERGY	YEAR 2038			
SEASONAL HYDRO ENERGY	YEAR 2039			
SEASONAL HYDRO ENERGY	YEAR 2040			

HYDRO UNIT		SEASON 11 NOVEMBER		
		1 HYDRO AP 0	2 HYDRO TM 0	3 RACINE 0
SEASONAL HYDRO ENERGY	YEAR 2011	RATIO 0.07	0.08	0.10
SEASONAL HYDRO ENERGY	YEAR 2012	RATIO 0.07	0.08	0.09
SEASONAL HYDRO ENERGY	YEAR 2013	RATIO 0.07	0.08	0.09
SEASONAL HYDRO ENERGY	YEAR 2014	RATIO 0.07	0.08	0.09
SEASONAL HYDRO ENERGY	YEAR 2015			
SEASONAL HYDRO ENERGY	YEAR 2016			
SEASONAL HYDRO ENERGY	YEAR 2017			
SEASONAL HYDRO ENERGY	YEAR 2018			
SEASONAL HYDRO ENERGY	YEAR 2019			
SEASONAL HYDRO ENERGY	YEAR 2020			
SEASONAL HYDRO ENERGY	YEAR 2021			
SEASONAL HYDRO ENERGY	YEAR 2022			

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

HYDRO UNIT	SEASON 12	DECEMBER	1	2	3
			HYDRO AP	HYDRO IM	RACINE
			0	0	0
----- YEAR 2011 -----	SEASONAL HYDRO ENERGY	RATIO	0.08	0.10	0.09
----- YEAR 2012 -----	SEASONAL HYDRO ENERGY	RATIO	0.08	0.10	0.09
----- YEAR 2013 -----	SEASONAL HYDRO ENERGY	RATIO	0.08	0.10	0.09
----- YEAR 2014 -----	SEASONAL HYDRO ENERGY	RATIO	0.09	0.10	0.09
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.HYDRO UNIT.

===== SEASON 12 DECEMBER =====

HYDRO UNIT	1	2	3
	HYDRO AP	HYDRO IM	RACINE
YEAR 2020	0	0	0
YEAR 2021	0	0	0
YEAR 2022	0	0	0
YEAR 2023	0	0	0
YEAR 2024	0	0	0
YEAR 2025	0	0	0
YEAR 2026	0	0	0
YEAR 2027	0	0	0
YEAR 2028	0	0	0
YEAR 2029	0	0	0
YEAR 2030	0	0	0
YEAR 2031	0	0	0
YEAR 2032	0	0	0
YEAR 2033	0	0	0
YEAR 2034	0	0	0
YEAR 2035	0	0	0
YEAR 2036	0	0	0
YEAR 2037	0	0	0
YEAR 2038	0	0	0
YEAR 2039	0	0	0
YEAR 2040	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

INTERCHANGE SYSTEM	1	2	3	4	5	6	7
AIR BASIN POINTER	OPCO+CSP	I&M	APCO	KPCO	WD_MKTP	WN_MKTP	WE_MKTP
COMPANY REFERENCE	1	1	1	1	1	1	1
ESCALATION RUNNING RATE PEAK	OPCO+CSP	I&M	APCO	KPCO			
INTERCHANGE SYSTEM	8	9	10				
AIR BASIN POINTER	WD_MKTS	WN_MKTS	WE_MKTS				
COMPANY REFERENCE	1	1	1				
ESCALATION RUNNING RATE PEAK							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

TRANSMISSION LINK	1	2	3	4	5	6	7
ESCALATION FIRST CONNECT CHARGES							
ESCALATION SECOND CONNECT CHARGE							
FIRST SYSTEM REFERENCE	WD_MKTP	WN_MKTP	WE_MKTP	WD_MKTS	WN_MKTS	WE_MKTS	WD_MKTP
SECOND SYSTEM REFERENCE	OPCO+CSP	OPCO+CSP	OPCO+CSP	OPCO+CSP	OPCO+CSP	OPCO+CSP	I&M
THIRD PARTY METHOD	1	1	1	1	1	1	1

TRANSMISSION LINK	8	9	10	11	12	13	14
ESCALATION FIRST CONNECT CHARGES							
ESCALATION SECOND CONNECT CHARGE							
FIRST SYSTEM REFERENCE	WN_MKTP	WE_MKTP	WD_MKTS	WN_MKTS	WE_MKTS	WD_MKTP	WN_MKTP
SECOND SYSTEM REFERENCE	I&M	I&M	I&M	I&M	I&M	APCO	APCO
THIRD PARTY METHOD	1	1	1	1	1	1	1

TRANSMISSION LINK	15	16	17	18	19	20	21
ESCALATION FIRST CONNECT CHARGES							
ESCALATION SECOND CONNECT CHARGE							
FIRST SYSTEM REFERENCE	WE_MKTP	WD_MKTS	WN_MKTS	WE_MKTS	WD_MKTP	WN_MKTP	WE_MKTP
SECOND SYSTEM REFERENCE	APCO	APCO	APCO	APCO	KPCO	KPCO	KPCO
THIRD PARTY METHOD	1	1	1	1	1	1	1

TRANSMISSION LINK	22	23	24
ESCALATION FIRST CONNECT CHARGES			
ESCALATION SECOND CONNECT CHARGE			
FIRST SYSTEM REFERENCE	WD_MKTS	WN_MKTS	WE_MKTS
SECOND SYSTEM REFERENCE	KPCO	KPCO	KPCO
THIRD PARTY METHOD	1	1	1

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAF.INPUT.INTERCHANGE.

INTERCHANGE SYSTEM	1	2	3	4	5	6	7
	OPCO+CSP	I&M	APCO	KPCO	WD_MKTP	WN_MKTP	WE_MKTP
----- YEAR 2011 -----							
ANNUAL RUNNING RATE PEAK VALUE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXTERNAL SYSTEM DATA GROUP	0	0	0	0	0	0	0
INTERCHANGE PARTICIPATION	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RUNNING RATE CURVE POINTER	0	0	0	0	11	11	11
SEASONAL RUNNING RATE PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	12	12	12
----- YEAR 2013 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	13	13	13
----- YEAR 2014 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	14	14	14
----- YEAR 2015 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	15	15	15
----- YEAR 2016 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	16	16	16
----- YEAR 2017 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	17	17	17
----- YEAR 2018 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	18	18	18
----- YEAR 2019 -----							
ANNUAL RUNNING RATE PEAK VALUE	0.00	1.00	0.00	0.00	0.00	0.00	0.00
RUNNING RATE CURVE POINTER	0	0	0	0	19	19	19
----- YEAR 2020 -----							
ANNUAL RUNNING RATE PEAK VALUE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RUNNING RATE CURVE POINTER	0	0	0	0	20	20	20
----- YEAR 2021 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	21	21	21
----- YEAR 2022 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	22	22	22
----- YEAR 2023 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	23	23	23
----- YEAR 2024 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	24	24	24
----- YEAR 2025 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	25	25	25
----- YEAR 2026 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	26	26	26
----- YEAR 2027 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	27	27	27
----- YEAR 2028 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	28	28	28
----- YEAR 2029 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	29	29	29
----- YEAR 2030 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	30	30	30
----- YEAR 2031 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	31	31	31
----- YEAR 2032 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	32	32	32
----- YEAR 2033 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	33	33	33
----- YEAR 2034 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	34	34	34
----- YEAR 2035 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	35	35	35
----- YEAR 2036 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	36	36	36
----- YEAR 2037 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	37	37	37
----- YEAR 2038 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	38	38	38
----- YEAR 2039 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	39	39	39
----- YEAR 2040 -----							
RUNNING RATE CURVE POINTER	0	0	0	0	40	40	40

INTERCHANGE SYSTEM		WD_MKTS	8	WN_MKTS	9	WE_MKTS	10
-----	YEAR 2011	-----					
ANNUAL RUNNING RATE	BEAK VALUE		0.00	0.00	0.00	0.00	
EXTERNAL SYSTEM DATA GROUP	POINTER		0	0	0	0	
INTERCHANGE PARTICIPATION	%		100.00	100.00	100.00	100.00	
RUNNING RATE CURVE	POINTER		41	41	41	41	
SEASONAL RUNNING RATE PROFILE			0	0	0	0	
-----	YEAR 2012	-----					
RUNNING RATE CURVE	POINTER		42	42	42	42	
-----	YEAR 2013	-----					
RUNNING RATE CURVE	POINTER		43	43	43	43	
-----	YEAR 2014	-----					
RUNNING RATE CURVE	POINTER		44	44	44	44	
-----	YEAR 2015	-----					
RUNNING RATE CURVE	POINTER		45	45	45	45	
-----	YEAR 2016	-----					
RUNNING RATE CURVE	POINTER		46	46	46	46	
-----	YEAR 2017	-----					
RUNNING RATE CURVE	POINTER		47	47	47	47	
-----	YEAR 2018	-----					
RUNNING RATE CURVE	POINTER		48	48	48	48	
-----	YEAR 2019	-----					
RUNNING RATE CURVE	POINTER		49	49	49	49	
-----	YEAR 2020	-----					
RUNNING RATE CURVE	POINTER		50	50	50	50	
-----	YEAR 2021	-----					
RUNNING RATE CURVE	POINTER		51	51	51	51	
-----	YEAR 2022	-----					
RUNNING RATE CURVE	POINTER		52	52	52	52	
-----	YEAR 2023	-----					
RUNNING RATE CURVE	POINTER		53	53	53	53	
-----	YEAR 2024	-----					
RUNNING RATE CURVE	POINTER		54	54	54	54	
-----	YEAR 2025	-----					
RUNNING RATE CURVE	POINTER		55	55	55	55	
-----	YEAR 2026	-----					
RUNNING RATE CURVE	POINTER		56	56	56	56	
-----	YEAR 2027	-----					
RUNNING RATE CURVE	POINTER		57	57	57	57	
-----	YEAR 2028	-----					
RUNNING RATE CURVE	POINTER		58	58	58	58	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.INTERCHANGE.

INTERCHANGE SYSTEM			
	WD_MKTS	WN_MKTS	WE_MKTS
----- YEAR 2029 -----	8	9	10
RUNNING RATE CURVE POINTER	59	59	59
----- YEAR 2030 -----			
RUNNING RATE CURVE POINTER	60	60	60
----- YEAR 2031 -----			
RUNNING RATE CURVE POINTER	61	61	61
----- YEAR 2032 -----			
RUNNING RATE CURVE POINTER	62	62	62
----- YEAR 2033 -----			
RUNNING RATE CURVE POINTER	63	63	63
----- YEAR 2034 -----			
RUNNING RATE CURVE POINTER	64	64	64
----- YEAR 2035 -----			
RUNNING RATE CURVE POINTER	65	65	65
----- YEAR 2036 -----			
RUNNING RATE CURVE POINTER	66	66	66
----- YEAR 2037 -----			
RUNNING RATE CURVE POINTER	67	67	67
----- YEAR 2038 -----			
RUNNING RATE CURVE POINTER	68	68	68
----- YEAR 2039 -----			
RUNNING RATE CURVE POINTER	69	69	69
----- YEAR 2040 -----			
RUNNING RATE CURVE POINTER	70	70	70

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

	1	2	3	4	5	6	7
	OPCO-CSP	I&M	APCO	KPCO	WD_MKTP	WN_MKTP	WE_MKTP
INTERCHANGE SYSTEM							
EFFLUENT							
1 SO2 (E)	0	0	0	0	0	0	0
EFFLUENT POINTER							
2 CO2 (S)	0	0	0	0	0	0	0
EFFLUENT POINTER							
3 CO2 (G)	0	0	0	0	0	0	0
EFFLUENT POINTER							
4 NOX (B)	0	0	0	0	0	0	0
EFFLUENT POINTER							
5 NSR SO2	0	0	0	0	0	0	0
EFFLUENT POINTER							
6 HG (B)	0	0	0	0	0	0	0
EFFLUENT POINTER							
INTERCHANGE SYSTEM							
	8	9	10				
	WD_MKTS	WN_MKTS	WE_MKTS				
EFFLUENT							
1 SO2 (E)	0	0	0				
EFFLUENT POINTER							
2 CO2 (S)	0	0	0				
EFFLUENT POINTER							
3 CO2 (G)	0	0	0				
EFFLUENT POINTER							
4 NOX (B)	0	0	0				
EFFLUENT POINTER							
5 NSR SO2	0	0	0				
EFFLUENT POINTER							
6 HG (B)	0	0	0				
EFFLUENT POINTER							

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

TRANSMISSION LINK
 ----- YEAR 2011 -----
 FIRST CONNECTION CHARGES \$/MMH
 15 16 17 18 19 20 21
 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

TRANSMISSION LINK	22	23	24	120
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.INTERCHANGE.

TRANSMISSION LIMIT PROFILE		1	2
	0 MW_TIE	UNIT	LIMIT
----- SEASON 1 JANUARY -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 2 FEBRUARY -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 3 MARCH -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 4 APRIL -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 5 MAY -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 6 JUNE -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 7 JULY -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 8 AUGUST -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 9 SEPTEMBER -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 10 OCTOBER -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 11 NOVEMBER -----	MW	0.00	999999.00
TIE LIMIT			
----- SEASON 12 DECEMBER -----	MW	0.00	999999.00
TIE LIMIT			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT		SMITH MT	
AIR BASIN POINTER		1	
COMMISSION MONTH		0	
COMMISSION YEAR			
COMMITMENT CONTRIBUTION	MONTH	1	
ESCALATION ANCIILLARY REVENUE	YEAR	1	
ESCALATION CAPACITY REVENUE		2011	
ESCALATION FIXED COSTS		N	
ESCALATION MINIMUM SAVING			
ESCALATION VARIABLE COSTS			
FUEL TYPE	FUEL_ID	0	
RETIREMENT MONTH	MONTH	12	
RETIREMENT YEAR	YEAR	2045	
SOURCE INDEX NUMBER		0	
SPINNING CONTRIBUTION	%	100.00	
SYSTEM AGGREGATE POINTER		0	
UNIT DISPATCH METHOD		1	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPDT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT		SMITH MT	
		1	0
-----	YEAR 2011 -----		
ANCIILARY REVENUE RATE	\$/MWH	0.00	
CAPACITY REVENUE PROFILE		0	
CAPACITY REVENUE RATE	\$/KW	0.00	
CYCLE EFFICIENCY	%	70.00	
ENERGY MARGIN CAPACITY FACTOR		0.00	
FIXED COSTS	\$000	0.00	
GENERATION CAP POINTNER		0	
GENERATION CAPACITY	MW	586.00	
HEAT RATE	MBTU/MWH	0.00	
MINIMUM SAVINGS	\$/MWH	-8.30	
PERCENT FRM	%	100.00	
POND LHVITE	MWH	5900.00	
PUMPING CAP POINTNER		0	
PUMPING CAPACITY	MW	300.00	
RENEWABLE ENERGY CREDIT	RATIO	0.00	
VARIABLE O AND M COSTS	\$/MWH	0.00	
-----	YEAR 2012 -----		
MINIMUM SAVINGS	\$/MWH	-8.80	
-----	YEAR 2013 -----		
MINIMUM SAVINGS	\$/MWH	-8.70	
-----	YEAR 2014 -----		
MINIMUM SAVINGS	\$/MWH	-9.00	
-----	YEAR 2015 -----		
-----	YEAR 2016 -----		
-----	YEAR 2017 -----		
-----	YEAR 2018 -----		
-----	YEAR 2019 -----		
-----	YEAR 2020 -----		
-----	YEAR 2021 -----		
-----	YEAR 2022 -----		
-----	YEAR 2023 -----		
-----	YEAR 2024 -----		
-----	YEAR 2025 -----		
-----	YEAR 2026 -----		
-----	YEAR 2027 -----		
-----	YEAR 2028 -----		
-----	YEAR 2029 -----		
-----	YEAR 2030 -----		
-----	YEAR 2031 -----		
-----	YEAR 2032 -----		
-----	YEAR 2033 -----		
-----	YEAR 2034 -----		
-----	YEAR 2035 -----		
-----	YEAR 2036 -----		
-----	YEAR 2037 -----		
-----	YEAR 2038 -----		
-----	YEAR 2039 -----		
-----	YEAR 2040 -----		

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT	
	1
	SMITH MT
EFFLUENT	
1 SO2 (E) EFFLUENT POINTER	0
2 CO2 (S) EFFLUENT POINTER	0
3 CO2 (G) EFFLUENT POINTER	0
4 NOX (E) EFFLUENT POINTER	0
5 NSR SO2 EFFLUENT POINTER	0
6 HG (E) EFFLUENT POINTER	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT	SMITH	MT
----- SEASON 1 JANUARY -----	1	
WEEKLY POND CYCLES		1.00
----- SEASON 2 FEBRUARY -----		
WEEKLY POND CYCLES		1.00
----- SEASON 3 MARCH -----		
WEEKLY POND CYCLES		1.00
----- SEASON 4 APRIL -----		
WEEKLY POND CYCLES		1.00
----- SEASON 5 MAY -----		
WEEKLY POND CYCLES		1.00
----- SEASON 6 JUNE -----		
WEEKLY POND CYCLES		1.00
----- SEASON 7 JULY -----		
WEEKLY POND CYCLES		1.00
----- SEASON 8 AUGUST -----		
WEEKLY POND CYCLES		1.00
----- SEASON 9 SEPTEMBER -----		
WEEKLY POND CYCLES		1.00
----- SEASON 10 OCTOBER -----		
WEEKLY POND CYCLES		1.00
----- SEASON 11 NOVEMBER -----		
WEEKLY POND CYCLES		1.00
----- SEASON 12 DECEMBER -----		
WEEKLY POND CYCLES		1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

GENERATING COMPANIES
PUMPED STORAGE UNIT

1 OPGO+CSP
1
SMITH MT
0

YEAR 2011	RATIO
YEAR 2011	0.00
YEAR 2012	
YEAR 2013	
YEAR 2014	
YEAR 2015	
YEAR 2016	
YEAR 2017	
YEAR 2018	
YEAR 2019	
YEAR 2020	
YEAR 2021	
YEAR 2022	
YEAR 2023	
YEAR 2024	
YEAR 2025	
YEAR 2026	
YEAR 2027	
YEAR 2028	
YEAR 2029	
YEAR 2030	
YEAR 2031	
YEAR 2032	
YEAR 2033	
YEAR 2034	
YEAR 2035	
YEAR 2036	
YEAR 2037	
YEAR 2038	
YEAR 2039	
YEAR 2040	

GENERATING COMPANIES
PUMPED STORAGE UNIT

2 IEM
1
SMITH MT
0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

GENERATING COMPANIES
PUMPED STORAGE UNIT

3 APCCO
SMITH MT
0

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

GENERATING COMPANIES
PUMPED STORAGE UNIT

4 KPCO
SMITH MT
0

----- YEAR 2011 -----
OWNERSHIP RATIO 0.00

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

4-Company East Optimization

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.PUMP STORAGE UNIT.

===== PUMPED STORAGE UNIT SEASON 1 JANUARY =====

SMITH MT
0

----- YEAR 2011 -----
SEASONAL ENERGY MWH -10600.00

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

===== PUMPED STORAGE UNIT SEASON 2 FEBRUARY =====

SMITH MT
1

----- YEAR 2011 -----
SEASONAL ENERGY MWH -11800.00

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

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

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

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

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

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

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

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

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

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

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

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

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


```

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

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===== SEASON 3 MARCH =====
PUMPED STORAGE UNIT          SMITH MT
                                1
                                0

```

```

----- YEAR 2011 -----
SEASONAL ENERGY           MWH           -16800.00
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

----- PUMPED STORAGE UNIT SEASON 3 MARCH -----
SMITH MT 1
0

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

----- PUMPED STORAGE UNIT SEASON 4 APRIL -----
SMITH MT 1
0

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

SEASONAL ENERGY MWH -15600.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT	SEASON 5	MAY	1
		SMITH MT	0

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

PUMPED STORAGE UNIT	SEASON 6	JUNE	1
		SMITH MT	0

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

PUMPED STORAGE UNIT	SEASON 7	JULY	1
		SMITH MT	0

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

MWH -4200.00

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

===== SEASON 8 AUGUST =====
 PUMPED STORAGE UNIT SMITH MT
 1
 0

----- YEAR 2011 -----
 SEASONAL ENERGY MWH -4500.00
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

===== SEASON 8 AUGUST =====
PUMPED STORAGE UNIT
SMITH MT 1
0

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

===== SEASON 9 SEPTEMBER =====
PUMPED STORAGE UNIT
SMITH MT 1
0

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

MMWH -5500.00

SEASONAL ENERGY

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

===== SEASON 10 OCTOBER =====
 PUMPED STORAGE UNIT 1
 SMITH MP 0

----- YEAR 2011 -----
 SEASONAL ENERGY MWH -5700.00
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----

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

YEAR 2010	SEASON 12 DECEMBER	SMITH
		1
		MT
		0
SEASONAL ENERGY	MWH	-5400.00
YEAR 2011		
YEAR 2012		
YEAR 2013		
YEAR 2014		
YEAR 2015		
YEAR 2016		
YEAR 2017		
YEAR 2018		
YEAR 2019		
YEAR 2020		
YEAR 2021		
YEAR 2022		
YEAR 2023		
YEAR 2024		
YEAR 2025		
YEAR 2026		
YEAR 2027		
YEAR 2028		
YEAR 2029		
YEAR 2030		
YEAR 2031		
YEAR 2032		
YEAR 2033		
YEAR 2034		
YEAR 2035		
YEAR 2036		
YEAR 2037		

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.PUMP STORAGE UNIT.

PUMPED STORAGE UNIT SEASON 12 DECEMBER

SMITH WT
1
0

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

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		1	2	3	4	5	6	7
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG								
BID PRICE OPTION								
COMMISSION MONTH								
COMMISSION YEAR	MONTH	2011	2011	2011	2011	2011	2011	2011
DEFERRAL PRIORITY	YEAR	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION								
EFFICIENT HEAT RATE OPTION								
ESCALATION ANCILLARY REVENUE								
ESCALATION BID PRICE AT INCREMEN								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION FORCED OUTAGE RATE								
IMMATURE PERIOD								
MATURITY YEAR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PURCHASE UNIT FLAG	YEAR	2011	2011	2011	2011	2011	2011	2011
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH	MONTH	3	12	12	12	12	5	12
RETIREMENT YEAR	YEAR	2100	2100	2100	2014	2014	2016	2100
SOURCE INDEX NUMBER								
THERMAL UNIT TYPE								

THERMAL UNIT		8	9	10	11	12	13	14
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG								
BID PRICE OPTION								
COMMISSION MONTH								
COMMISSION YEAR	MONTH	2011	2011	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	YEAR	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION								
EFFICIENT HEAT RATE OPTION								
ESCALATION ANCILLARY REVENUE								
ESCALATION BID PRICE AT INCREMEN								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FORCED SEASONAL RATE								
IMMATURE PERIOD								
MATURITY YEAR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PURCHASE UNIT FLAG	YEAR	2011	2011	2011	2011	2011	2011	2011
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH	MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	YEAR	2026	2026	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER								
THERMAL UNIT TYPE								

THERMAL UNIT		15	16	17	18	19	20	21
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG								
BID PRICE OPTION								
COMMISSION MONTH								
COMMISSION YEAR	MONTH	2100	2011	2011	2011	2011	2011	2011
DEFERRAL PRIORITY	YEAR	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION								
EFFICIENT HEAT RATE OPTION								
ESCALATION ANCILLARY REVENUE								
ESCALATION BID PRICE AT INCREMEN								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION FORCED OUTAGE RATE								
IMMATURE PERIOD								
MATURITY YEAR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PURCHASE UNIT FLAG	YEAR	2011	2011	2011	2011	2011	2011	2011
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH	MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	YEAR	2100	2014	2014	2014	2015	2013	2012

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
THERMAL UNIT							
AIR BASIN POUNDER	22	23	24	25	26	27	28
BID PRICE ACCOUNTING FLAG	CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2
BID PRICE OPTION	1	1	1	1	1	1	1
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2011	2011	2011	2011	2011	2011	2011
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE	FIXO&M					FIXO&M	FIXO&M

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		22	23	24	25	26	27	28
ESCALATION FIXED SEASONAL RATE		CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
ESCALATION VARIABLE COSTS		4	5	6	1	2	1	2
IMMATURE FORCED OUTAGE RATE								
MATURITY YEAR								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH								
RETIREMENT YEAR								
SOURCE INDEX NUMBER								
THERMAL UNIT TYPE								
VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	NUC-VOM	NUC-VOM	VARO&M	VARO&M
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2011	2011	2011	2011	2011	2011	2011	2011	2011
0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C	C	C	C	C	C	C	C	C
12	12	12	12	12	12	12	12	12
2019	2019	2019	2019	2035	2037	2100	2100	2100
0	0	0	0	0	0	0	0	0

THERMAL UNIT		29	30	31	32	33	34	35
AIR BASIN POINTER		GLEN LYN	GLEN LYN			KAMMER	KAMMER	KAMMER
BID PRICE ACCOUNTING FLAG		5	6	0	0	1	2	3
BID PRICE OPTION								
COMMISSION MONTH								
COMMISSION YEAR								
DEFERRAL PRIORITY								
DISPATCH LAMBDA OPTION								
EFFICIENT HEAT RATE OPTION								
ESCALATION ANCILLIARY REVENUE								
ESCALATION BID PRICE AT INCREMENT								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
IMMATURE FORCED OUTAGE RATE								
MATURITY PERIOD								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH								
RETIREMENT YEAR								
SOURCE INDEX NUMBER								
THERMAL UNIT TYPE								
VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2011	2011	2011	2011	2011	2011	2011	2011	2011
0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C	C	C	C	C	C	C	C	C
12	12	12	12	12	12	12	12	12
2014	2014	2100	2100	2100	2100	2014	2014	2014
0	0	0	0	0	0	0	0	0

THERMAL UNIT		36	37	38	39	40	41	42
AIR BASIN POINTER		KANAWHA	KANAWHA	KYGER	KYGER	KYGER	KYGER	KYGER
BID PRICE ACCOUNTING FLAG		1	2	1	2	3	4	5
BID PRICE OPTION								
COMMISSION MONTH								
COMMISSION YEAR								
DEFERRAL PRIORITY								
DISPATCH LAMBDA OPTION								
EFFICIENT HEAT RATE OPTION								
ESCALATION ANCILLIARY REVENUE								
ESCALATION BID PRICE AT INCREMENT								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
IMMATURE FORCED OUTAGE RATE								
MATURITY PERIOD								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH								
RETIREMENT YEAR								
SOURCE INDEX NUMBER								
THERMAL UNIT TYPE								
VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M	VARO&M
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2011	2011	2011	2011	2011	2011	2011	2011	2011
0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C	C	C	C	C	C	C	C	C
12	12	12	12	12	12	12	12	12
2014	2014	2100	2100	2100	2100	2100	2100	2100
0	0	0	0	0	0	0	0	0

THERMAL UNIT		43	44	45	46	47	48	49
AIR BASIN POINTER		MITCHELL	MITCHELL	MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR
BID PRICE ACCOUNTING FLAG		1	2	1	1	2	3	4
BID PRICE OPTION								
COMMISSION MONTH								
COMMISSION YEAR								
DEFERRAL PRIORITY								

4-Company East Optimization

DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTFAGE RATE							
IMMATURE PERIOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD	0	0	0	0	0	0	0
MAJORITY YEAR	2011	2011	2011	2011	2011	2011	2011
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT, THERMAL UNIT.

THERMAL UNIT		50	51	52	53	54	55	56
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG		1	1	1	1	1	1	1
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		0	0	0	0	0	0	0
COMMISSION YEAR	MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	YEAR	2011	2011	2011	2011	2011	2010	2011
DEFERRAL PRIORITY		0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANTI-LAMBDA REVENUE								
ESCALATION BID PRICE AT INCREMENT								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPACITY REVENUE								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION VARIABLE COSTS								
IMMATURE FORCED OUTAGE RATE								
IMMATURE PERIOD								
MATURITY YEAR								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH	MONTH	5	12	12	12	12	5	12
RETIREMENT YEAR	YEAR	2015	2014	2014	2014	2014	2011	2014
SOURCE INDEX NUMBER		0	0	0	0	0	0	0
THERMAL UNIT TYPE								

THERMAL UNIT		57	58	59	60	61	62	63
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG		1	1	1	1	1	1	1
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		0	0	0	0	0	0	0
COMMISSION YEAR	MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	YEAR	2100	2011	2011	2011	2011	2011	2011
DEFERRAL PRIORITY		0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANTI-LAMBDA REVENUE								
ESCALATION BID PRICE AT INCREMENT								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPACITY REVENUE								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION VARIABLE COSTS								
IMMATURE FORCED OUTAGE RATE								
IMMATURE PERIOD								
MATURITY YEAR								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH	MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	YEAR	2100	2015	2013	2100	2100	2100	2100
SOURCE INDEX NUMBER		0	0	0	0	0	0	0
THERMAL UNIT TYPE								

THERMAL UNIT		64	65	66	67	68	69	70
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG		1	1	1	1	1	1	1
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		0	0	0	0	0	0	0
COMMISSION YEAR	MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	YEAR	2011	2011	2011	2011	2011	2011	2011
DEFERRAL PRIORITY		0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANTI-LAMBDA REVENUE								
ESCALATION BID PRICE AT INCREMENT								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPACITY REVENUE								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION VARIABLE COSTS								
IMMATURE FORCED OUTAGE RATE								
IMMATURE PERIOD								
MATURITY YEAR								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH	MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	YEAR	2100	2100	2014	2014	2014	2013	2100
THERMAL UNIT TYPE								

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT T1FB							
THERMAL UNIT							
	71	72	73	74	75	76	77
	ROBTWONE	ROBTWONE	ROBTWONE	CEREDO	CEREDO	CEREDO	CEREDO
AIR BASIN POINTER	1	2	3	0	1	2	3
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2011	2011	2011	2011	2011	2011	2011
DISPATCH	0	0	0	0	0	0	0
EFFICIENT LAMBDA OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT, THERMAL UNIT.

THERMAL UNIT	71	72	73	74	75	76	77
ROBTMONE	1	2	3	0	1	2	3
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	78	79	80	81	82	83	84
CEREDO	4	5	6	1	2	3	4
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT RATE OPTION							
ESCALATION ANCIILLARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	85	86	87	88	89	90	91
DARBY	5	6	1	2	1	2	1
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT RATE OPTION							
ESCALATION ANCIILLARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION VARIABLE OUTAGE RATE							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	92	93	94	95	96	97	98
WATR2	1	1	1	0	0	0	0
DRESDBN							
DRESDD2							
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							

4-Company East Optimization

DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANNUAL REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPITAL REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURETY PERIOD	VAROEM	VAROEM	VAROEM				
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0
MATURITY YEAR							
	2011	2013	2013	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	0.00	0.00	0.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THermal Unit	101	102	103	104	105	106	107
AIR BASIN POINTERS							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
NUCLEAR	1	1	1	1	1	1	1
UPC_NCCS	1	1	1	1	1	1	1
FC_UP_SU	1	1	1	1	1	1	1
UPC_RCCS	1	1	1	1	1	1	1
IGC_NCCS	1	1	1	1	1	1	1
IGCC_GE	1	1	1	1	1	1	1
IGC_RCCS	1	1	1	1	1	1	1

THermal Unit	108	109	110	111	114	115	116
AIR BASIN POINTERS							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
VARO&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXO&M	2100	2100	2100	2100	2100	2100	2100
CC 2X1FB	1	1	1	1	1	1	0
CC 2X1FA	1	1	1	1	1	1	0
CC 1X17H	1	1	1	1	1	1	0
BS2_CC	1	1	1	1	1	1	0
CT GE7FA	1	1	1	1	1	1	0
CT GE7EA	1	1	1	1	1	1	0

THermal Unit	121	122	124	125	126	127	128
AIR BASIN POINTERS							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	6	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
VARO&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXO&M	2100	2100	2100	2100	2100	2100	2100
BS2_FGD	2						
BS1_FGD	1						
CSV5_SCR	5						
CSV6_SCR	6						

ABE EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	129	130	131	132	133	134	135
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	136	137	143	144	145	146	147
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT RATE OPTION							
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
MATURITY PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	148	149	150	151	152	153	154
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							
DISPATCH LAMBDA OPTION							
EFFICIENT HEAT RATE OPTION							
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
MATURITY PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT							
RESERVE OF UPPER SEGMENT							
RESOURCE TYPE							
RETIREMENT MONTH							
RETIREMENT YEAR							
SOURCE INDEX NUMBER							
THERMAL UNIT TYPE							

THERMAL UNIT	155	156	157	158	159	160	161
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG							
BID PRICE OPTION							
COMMISSION MONTH							
COMMISSION YEAR							
DEFERRAL PRIORITY							

4-Company East Optimization

	0	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANNUAL REVENUE								
ESCALATION BID PRICE AT INCREMENT								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION FORCED OUTFAGE RATE								
IMMATURETY PERIOD								
MATURITY YEAR								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH								
RETIREMENT YEAR								
SOURCE INDEX NUMBER								
THERMAL UNIT TYPE								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		162		163		164		165		166		168		169	
		CC_KPCO	B22 FGD	B22 FGD	B22 FGD	B22 FGD	B22 FGD	IGCC AP	PC_UL_AP						
		1	1	1	5	22	23	1	1						
AIR BASIN POINTER		1	1	1	1	1	1	1	1						
BID PRICE ACCOUNTING FLAG		0	0	0	0	0	0	0	0						
BID PRICE OPTION		0	0	0	0	0	0	0	0						
COMMISSION MONTH		1	1	1	1	1	1	1	1						
COMMISSION YEAR		2100	2100	2100	2100	2100	2100	2100	2100						
DEFERRAL PRIORITY		0	0	0	0	0	0	0	0						
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0	0						
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0	0						
ESCALATION ANGLIARY REVENUE															
ESCALATION BID PRICE AT INCREMENT															
ESCALATION BID PRICE AT MINIMUM															
ESCALATION CAPACITY REVENUE															
ESCALATION CAPITAL COSTS															
ESCALATION FIXED ANNUAL RATE															
ESCALATION FIXED SEASONAL RATE															
ESCALATION VARIABLE COSTS															
ESCALATION FORCED OUTAGE RATE															
IMMATURE PERIOD															
MATURITY YEAR															
PURCHASE UNIT FLAG															
RESERVE OF UPPER SEGMENT		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00						
RESOURCE TYPE		C	C	C	C	C	C	C	C						
RETIREMENT MONTH		12	12	12	12	12	12	12	12						
RETIREMENT YEAR		2100	2100	2100	2100	2100	2100	2100	2100						
SOURCE INDEX NUMBER		0	0	0	0	0	0	0	0						
THERMAL UNIT TYPE															

THERMAL UNIT		170		171		172		173		174		175		176		
		Nuke_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP								
		1	1	1	1	1	1	1								
AIR BASIN POINTER		1	1	1	1	1	1	1								
BID PRICE ACCOUNTING FLAG		0	0	0	0	0	0	0								
BID PRICE OPTION		0	0	0	0	0	0	0								
COMMISSION MONTH		1	1	1	1	1	1	1								
COMMISSION YEAR		2100	2100	2100	2100	2100	2100	2100								
DEFERRAL PRIORITY		0	0	0	0	0	0	0								
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0								
EFFICIENT HEAT RATE OPTION																
ESCALATION ANGLIARY REVENUE																
ESCALATION BID PRICE AT INCREMENT																
ESCALATION BID PRICE AT MINIMUM																
ESCALATION CAPACITY REVENUE																
ESCALATION CAPITAL COSTS																
ESCALATION FIXED ANNUAL RATE																
ESCALATION FIXED SEASONAL RATE																
ESCALATION VARIABLE COSTS																
ESCALATION FORCED OUTAGE RATE																
IMMATURE PERIOD																
MATURITY YEAR																
PURCHASE UNIT FLAG																
RESERVE OF TOTAL UNIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00								
RESOURCE OF UPPER SEGMENT		C	C	C	C	C	C	C								
RESOURCE TYPE		C	C	C	C	C	C	C								
RETIREMENT MONTH		12	12	12	12	12	12	12								
RETIREMENT YEAR		2100	2100	2100	2100	2100	2100	2100								
SOURCE INDEX NUMBER		0	0	0	0	0	0	0								
THERMAL UNIT TYPE																

THERMAL UNIT		177		178		179		181		182		183		184		
		IGCC OH	PC_UL_OH	NUKE OH	RP1D_03	RP1D_04	RP1D_08	RP1D_20								
		1	1	1	1	1	1	1								
AIR BASIN POINTER		1	1	1	1	1	1	1								
BID PRICE ACCOUNTING FLAG		0	0	0	0	0	0	0								
BID PRICE OPTION		0	0	0	0	0	0	0								
COMMISSION MONTH		1	1	1	1	1	1	1								
COMMISSION YEAR		2100	2100	2100	2100	2100	2100	2100								
DEFERRAL PRIORITY		0	0	0	0	0	0	0								
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0								
EFFICIENT HEAT RATE OPTION																
ESCALATION ANGLIARY REVENUE																
ESCALATION BID PRICE AT INCREMENT																
ESCALATION BID PRICE AT MINIMUM																
ESCALATION CAPACITY REVENUE																
ESCALATION CAPITAL COSTS																
ESCALATION FIXED ANNUAL RATE																
ESCALATION FIXED SEASONAL RATE																
ESCALATION VARIABLE COSTS																
ESCALATION FORCED OUTAGE RATE																
IMMATURE PERIOD																
MATURITY YEAR																
PURCHASE UNIT FLAG																
RESERVE OF TOTAL UNIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00								
RESERVE OF UPPER SEGMENT		C	C	C	C	C	C	C								
RESOURCE TYPE		C	C	C	C	C	C	C								
RETIREMENT MONTH		12	12	12	12	12	12	12								
RETIREMENT YEAR		2100	2100	2100	2100	2100	2100	2100								

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE								
THERMAL UNIT								
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG	186	187	188	189	190	191	MR_STKR1	223
BID PRICE OPTION	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4	T4_TRCCR 4		
COMMISSION MONTH	1	2	1	2	4	4	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE								
ESCALATION BID PRICE AT INCREMEN								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE	FIXO&M	FIXO&M	FIXO&M	FIXO&M				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL_UNIT.

THERMAL UNIT		186		187		188		189		190		191		223		
		RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR	MR_STRK1								
ESCALATION FIXED COSTS																
ESCALATION FIXED SEASONAL RATE																
ESCALATION VARIABLE COSTS																
IMMATURE FORCED OUTAGE RATE																
IMMATURE PERIOD																
MATURETY YEAR																
PURCHASE UNIT FLAG																
RESERVE OF TOTAL UNIT																
RESERVE OF UPPER SEGMENT																
RESOURCE TYPE																
RETIREMENT MONTH																
SOURCE INDEX NUMBER																
THERMAL UNIT TYPE																

THERMAL UNIT		224		227		228		229		230		231		232	
		MR_STRK2	AMS3_ST	BS2_SI	MRS_SI	MRS_SI	RP1_CF								
AIR BASIN POINTER															
BID PRICE ACCOUNTING FLAG															
BID PRICE OPTION															
COMMISSION MONTH															
COMMISSION YEAR															
DEFERRAL PRIORITY															
DISPATCH LAMBDA OPTION															
EFFICIENT HEAT RATE OPTION															
ESCALATION ANCLILIARY REVENUE															
ESCALATION BID PRICE AT INCREMEN															
ESCALATION BID PRICE AT MINIMUM															
ESCALATION CAPACITY REVENUE															
ESCALATION CAPITAL COSTS															
ESCALATION FIXED ANNUAL RATE															
ESCALATION FIXED COSTS															
ESCALATION FIXED SEASONAL RATE															
ESCALATION VARIABLE COSTS															
IMMATURE FORCED OUTAGE RATE															
IMMATURE PERIOD															
MATURETY YEAR															
PURCHASE UNIT FLAG															
RESERVE OF TOTAL UNIT															
RESERVE OF UPPER SEGMENT															
RESOURCE TYPE															
RETIREMENT MONTH															
SOURCE INDEX NUMBER															
THERMAL UNIT TYPE															

THERMAL UNIT		233		234		235		236		237		238		239		
		RP12_CF	RP11_ST	RP12_ST	BS2_SI	MRS_SI	MRS_SI	RP1_CF								
AIR BASIN POINTER																
BID PRICE ACCOUNTING FLAG																
BID PRICE OPTION																
COMMISSION MONTH																
COMMISSION YEAR																
DEFERRAL PRIORITY																
DISPATCH LAMBDA OPTION																
EFFICIENT HEAT RATE OPTION																
ESCALATION ANCLILIARY REVENUE																
ESCALATION BID PRICE AT INCREMEN																
ESCALATION BID PRICE AT MINIMUM																
ESCALATION CAPACITY REVENUE																
ESCALATION CAPITAL COSTS																
ESCALATION FIXED ANNUAL RATE																
ESCALATION FIXED COSTS																
ESCALATION FIXED SEASONAL RATE																
ESCALATION VARIABLE COSTS																
IMMATURE FORCED OUTAGE RATE																
IMMATURE PERIOD																
MATURETY YEAR																
PURCHASE UNIT FLAG																
RESERVE OF TOTAL UNIT																
RESERVE OF UPPER SEGMENT																
RESOURCE TYPE																
RETIREMENT MONTH																
SOURCE INDEX NUMBER																
THERMAL UNIT TYPE																

THERMAL UNIT		240		241		242		243		244		245		246	
AIR BASIN POINTER															
BID PRICE ACCOUNTING FLAG															
BID PRICE OPTION															
COMMISSION MONTH															
COMMISSION YEAR															
DEFERRAL PRIORITY															

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THermal UNIT	247	248	249	250	251	252	253
AIR BASIN POINTER	1	1	1	0	DC1_HPT	DC1_IS	DC1_EFF
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	6	5	6
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THermal UNIT	254	255	256	257	258	259	260
AIR BASIN POINTER	DC1_17	DC1_3800		DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800
BID PRICE ACCOUNTING FLAG	1	1	0	2	2	2	2
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	6	6	1	5	6	6	6
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	2010	2010	1900	2010	2010	2010	2010
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THermal UNIT	261	262	263	264	265	266	267
AIR BASIN POINTER	0	0	0	1	1	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	0	0	0	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	1900	1900	1900	1900	1900	1900	1900
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
THERMAL UNIT							
AIR BASIN POINTER	268	269	270	271	272	273	274
BID PRICE ACCOUNTING FLAG	1	BIGSD_15	BIGSD_GP	CLN_Q_HM	CLN_Q_15	CLN_Q_HM	CLN_Q_15
BID PRICE OPTION	1	1	1	1	1	2	2
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DEFERRAL YEAR	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCILLARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
			FIXO6M			FIXO6M	
				FIXO6M			FIXO6M
					FIXO6M		
						FIXO6M	

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

THERMAL UNIT		268	269	270	271	272	273	274
ESCALATION FIXED SEASONAL RATE		1	BIGSD_15_1	BIGSD_GP_1	CLN_Q_HM_1	CLN_Q_15_1	CLN_Q_HM_2	CLN_Q_15_2
ESCALATION VARIABLE COSTS								
IMMATURE FORCED OUTAGE RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD		0	0	0	0	0	0	0
MATURITY YEAR		1900	2010	2010	2010	2010	2010	2010
PURCHASE UNIT FLAG		0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT		100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH		12	6	6	6	6	6	6
RETIREMENT YEAR		2010	2015	2025	2025	2015	2025	2015
SOURCE INDEX NUMBER		0	0	0	0	0	0	0
THERMAL UNIT TYPE								

THERMAL UNIT		275	276	277	278	279	280	281
AIR BASIN POINTER		1	1	1	1	1	1	1
BID PRICE ACCOUNTING FLAG		0	0	0	0	0	0	0
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		1	1	1	1	1	1	1
COMMISSION YEAR		2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY		0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANCIILIARY REVENUE		0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN		0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM		0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE		0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE		0	0	0	0	0	0	0
ESCALATION FIXED COSTS		0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS		0	0	0	0	0	0	0
IMMATURE FORCED OUTAGE RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD		0	0	0	0	0	0	0
MATURITY YEAR		2010	2010	2010	2010	2010	2010	2010
PURCHASE UNIT FLAG		0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT		100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH		6	6	6	6	6	6	6
RETIREMENT YEAR		2025	2015	2012	2010	2025	2015	2025
SOURCE INDEX NUMBER		0	0	0	0	0	0	0
THERMAL UNIT TYPE								

THERMAL UNIT		282	283	284	285	286	287	288
AIR BASIN POINTER		1	1	1	1	1	1	1
BID PRICE ACCOUNTING FLAG		0	0	0	0	0	0	0
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		1	1	1	1	1	1	1
COMMISSION YEAR		2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY		0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANCIILIARY REVENUE		0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN		0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM		0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE		0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS		0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE		0	0	0	0	0	0	0
ESCALATION FIXED COSTS		0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE		0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS		0	0	0	0	0	0	0
IMMATURE FORCED OUTAGE RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD		0	0	0	0	0	0	0
MATURITY YEAR		2010	2010	2010	2010	2010	2010	2010
PURCHASE UNIT FLAG		0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT		100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH		6	6	6	6	6	6	6
RETIREMENT YEAR		2015	2025	2015	2025	2015	2025	2015
SOURCE INDEX NUMBER		0	0	0	0	0	0	0
THERMAL UNIT TYPE								

THERMAL UNIT		289	290	291	292	293	294	295
AIR BASIN POINTER		1	1	1	1	1	1	1
BID PRICE ACCOUNTING FLAG		0	0	0	0	0	0	0
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		1	1	1	1	1	1	1
COMMISSION YEAR		2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY		0	0	0	0	0	0	0

4-Company East Optimization

DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
EMERGENCY FORCED OUTRAGE RATE							
EMERGENCY PERIOD							
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	2010	2010	2010	2010	2010	2010	2010
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C
RETIREMENT YEAR	6	6	6	6	6	6	6
RETIREMENT YEAR	2025	2015	2025	2015	2015	2012	2015
SOURCE INDEX NUMBR	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL_UNIT.

THERMAL UNIT		296	297	298	299	300	301	302
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG		1	1	1	1	1	1	1
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		0	0	0	0	0	0	0
COMMISSION YEAR	MONTH	1	1	1	1	1	1	1
DEFERRAL PRIORITY	YEAR	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE		0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN		0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM		0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE		0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE		0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE		0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS		0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE		0	0	0	0	0	0	0
IMMATURETY PERIOD		0	0	0	0	0	0	0
MATURITY YEAR		2010	2010	2010	2010	2010	2010	2010
PURCHASE UNIT FLAG		0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	%	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH	MONTH	6	6	6	6	6	6	6
RETIREMENT YEAR	YEAR	2012	2015	2012	2015	2012	2025	2015
SOURCE INDEX NUMBER		0	0	0	0	0	0	0
THERMAL UNIT TYPE								

THERMAL UNIT		303	304	305	306	307	308	309
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG		1	1	1	1	1	1	1
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		0	0	0	0	0	0	0
COMMISSION YEAR	MONTH	1	1	1	1	1	1	1
DEFERRAL PRIORITY	YEAR	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE		0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN		0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM		0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE		0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE		0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE		0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS		0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE		0	0	0	0	0	0	0
IMMATURETY PERIOD		0	0	0	0	0	0	0
MATURITY YEAR		2010	2010	2010	2010	2010	2010	2010
PURCHASE UNIT FLAG		0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	%	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH	MONTH	6	6	6	6	6	6	6
RETIREMENT YEAR	YEAR	2025	2015	2025	2015	2025	2015	2025
SOURCE INDEX NUMBER		0	0	0	0	0	0	0
THERMAL UNIT TYPE								

THERMAL UNIT		310	311	312	313	314	315	316
AIR BASIN POINTER								
BID PRICE ACCOUNTING FLAG		1	1	1	1	1	1	1
BID PRICE OPTION		0	0	0	0	0	0	0
COMMISSION MONTH		0	0	0	0	0	0	0
COMMISSION YEAR	MONTH	1	1	1	1	1	1	1
DEFERRAL PRIORITY	YEAR	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION		0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION		0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE		0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN		0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM		0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE		0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE		0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE		0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS		0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE		0	0	0	0	0	0	0
IMMATURETY PERIOD		0	0	0	0	0	0	0
MATURITY YEAR		2010	2010	2010	2010	2010	2010	2010
PURCHASE UNIT FLAG		0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	%	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE		C	C	C	C	C	C	C
RETIREMENT MONTH	MONTH	6	6	6	6	6	6	6
RETIREMENT YEAR	YEAR	2015	2013	2010	2025	2015	2025	2015

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
THERMAL UNIT							
AIR BASIN POINTER	317	318	319	320	322	323	324
BID PRICE ACCOUNTING FLAG	TNR_F_3	TNR_F_15	PW_GP_15	RHills_1			
BID PRICE OPTION	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION AMCLILARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE	FIXO6M	FIXO6M		FIXO6M			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	317	318	319	320	322	323	324
	TNR_F_HM	TNR_F_15	PW_GP_15	RHalls			
	3	3	5	1	0	0	0
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00	VARO&M 0.00	0.00	0.00	0.00
MATURITY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	2010	2010	2010	2010	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	6	6	6	12	12	12	12
RETIREMENT YEAR	2025	2015	2015	2100	9999	9999	9999
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	325	326	327	328	329	330	331
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILIARY REVENUE							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	1900	1900	1900	1900	1900	1900	1900
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	9999	9999	9999	9999	9999	9999	9999
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	332	333	335	336	337	338	339
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILIARY REVENUE							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	1900	1900	1900	1900	1900	1900	1900
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	9999	9999	9999	9999	9999	9999	9999
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	340	341	342	343	344	345	346
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100

4-Company East Optimization

DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE								
ESCALATION BID PRICE AT INCREMEN								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
IMMATURE FORCED OUTFAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD	0	0	0	0	0	0	0	0
MAJORITY YEAR	1900	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12	12
RETIREMENT YEAR	9999	9999	9999	9999	9999	9999	9999	9999
SOURCE INDEX NUMBER	0	0	0	0	0	0	0	0
THERMAL UNIT TYPE								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPVT.THERMAL UNIT.

THERMAL UNIT	347	348	349	350	351	352	353
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C
RETIREMENT YEAR	12	12	12	12	12	12	12
SOURCE INDEX NUMBER	9999	9999	9999	2100	2100	2100	2100
THERMAL UNIT TYPE	0	0	0	0	0	0	0

THERMAL UNIT	354	355	356	357	358	359	360
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C
RETIREMENT YEAR	12	12	12	12	12	12	12
SOURCE INDEX NUMBER	2100	2100	2100	2100	2100	2100	2100
THERMAL UNIT TYPE	0	0	0	0	0	0	0

THERMAL UNIT	361	362	363	364	365	366	367
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C
RETIREMENT YEAR	12	12	12	12	12	12	12

4-Company Best Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
THERMAL UNIT	368	369	370	371	372	373	374
AIR BASIN POINTNER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	368	369	370	371	372	373	374
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURE PERIOD							
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	375	376	377	378	379	380	381
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAD RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	382	383	384	385	390	391	392
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAD RATE OPTION							
ESCALATION ANCIILARY REVENUE							
ESCALATION BID PRICE AT INCREMEN							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF TOTAL UNIT	1900	1900	1900	1900	1900	1900	1900
RESERVE OF UPPER SEGMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	393	394	395	396	397	398	399
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

DESCRIPTION	400	401	402	403	404	405	406
THERMAL UNIT	400	401	402	403	404	405	406
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMENT	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE	0	0	0	0	0	0	0
THERMAL UNIT	407	408	409	410	411	412	413
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMENT	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE	0	0	0	0	0	0	0
THERMAL UNIT	414	415	416	417	418	419	420
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMENT	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE	0	0	0	0	0	0	0
THERMAL UNIT	421	422	423	424	425	426	427
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMENT	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE	0	0	0	0	0	0	0
THERMAL UNIT	428	429	430	431	432	433	434
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMENT	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
ESCALATION FORCED OUTAGE RATE	0	0	0	0	0	0	0
IMMATURETY PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE	0	0	0	0	0	0	0

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							
THERMAL UNIT	421	422	423	424	425	426	427
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	421	422	423	424	425	426	427
ESCALATION FIXED COSTS							
ESCALATION VARIABLE COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCALATION FORCED OUTAGE RATE							
IMMATURETY PERIOD	%						
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	%						
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	428	429	430	431	432	433	435
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLINARY REVENUE							
ESCALATION BID PRICE AT INCREMENT							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURETY PERIOD	%						
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	%						
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	436	437	438	440	441	442	443
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLINARY REVENUE							
ESCALATION BID PRICE AT INCREMENT							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURETY PERIOD	%						
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	%						
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	444	445	447	449	450	451	452
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0

4-Company East Optimization

DESCRIPTION	0	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE								
ESCALATION BID PRICE AT INCREMEN								
ESCALATION BID PRICE AT MINIMUM								
ESCALATION CAPACITY REVENUE								
ESCALATION CAPITAL COSTS								
ESCALATION FIXED ANNUAL RATE								
ESCALATION FIXED COSTS								
ESCALATION FIXED SEASONAL RATE								
ESCALATION VARIABLE COSTS								
ESCALATION VARIABLE RATE								
IMMATURE FORCED OUTAGE RATE								
IMMATURE PERIOD								
MATURITY YEAR								
PURCHASE UNIT FLAG								
RESERVE OF TOTAL UNIT ¹⁸								
RESERVE OF UPPER SEGMENT								
RESOURCE TYPE								
RETIREMENT MONTH								
RETIREMENT YEAR								
SOURCE INDEX NUMBER								
THERMAL UNIT TYPE								

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

DESCRIPTION	453	454	455	456	457	460	461
THERMAL UNIT	453	454	455	456	457	460	461
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
IMMATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	1900	1900	1900	1900	1900	1900	1900
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C
RETIREMENT YEAR	12	12	12	12	12	12	12
SOURCE INDEX NUMBER	2100	2100	2100	2100	2100	2100	2100
THERMAL UNIT TYPE	0	0	0	0	0	0	0

DESCRIPTION	462	463	465	466	467	468	469
THERMAL UNIT	462	463	465	466	467	468	469
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
IMMATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	1900	1900	1900	1900	1900	1900	1900
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C
RETIREMENT YEAR	12	12	12	12	12	12	12
SOURCE INDEX NUMBER	2100	2100	2100	2100	2100	2100	2100
THERMAL UNIT TYPE	0	0	0	0	0	0	0

DESCRIPTION	470	472	474	475	476	477	478
THERMAL UNIT	470	472	474	475	476	477	478
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2100	2100	2100	2100	2100	2100	2100
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANCIILARY REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0
ESCALATION FIXED COSTS	0	0	0	0	0	0	0
ESCALATION FIXED SEASONAL RATE	0	0	0	0	0	0	0
ESCALATION VARIABLE COSTS	0	0	0	0	0	0	0
IMMATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD	0	0	0	0	0	0	0
MATURITY YEAR	0	0	0	0	0	0	0
PURCHASE UNIT FLAG	1900	1900	1900	1900	1900	1900	1900
RESERVE OF TOTAL UNIT	0	0	0	0	0	0	0
RESERVE OF UPPER SEGMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESOURCE TYPE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT MONTH	C	C	C	C	C	C	C
RETIREMENT YEAR	12	12	12	12	12	12	12

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE	0	0	0	0	0	0	0
THERMAL UNIT	479	480	481	482	484	483	486
AIR BASIN POINTER	0	0	0	0	0	0	0
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEPRERAT. PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANNUAL REVENUE	0	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMEN	0	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0	0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	479	480	481	482	484	485	486
ESCALATION FIXED SEASONAL COSTS							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMMATURE PERIOD	%	%	%	%	%	%	%
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	487	488	490	491	493	494	495
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2100
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION AUXILIARY REVENUE							
ESCALATION BID PRICE AT INCREMENT							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD	%	%	%	%	%	%	%
MATURITY YEAR	1900	1900	1900	1900	1900	1900	1900
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2100
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	496	497	500	501	502	503	958
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	6	6	1	6	1
COMMISSION YEAR	2100	2100	2100	2100	2100	2100	2025
DEFERRAL PRIORITY	0	0	0	0	0	0	0
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION AUXILIARY REVENUE							
ESCALATION BID PRICE AT INCREMENT							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED COSTS							
ESCALATION VARIABLE COSTS							
IMMATURE FORCED OUTAGE RATE							
IMMATURE PERIOD	%	%	%	%	%	%	%
MATURITY YEAR	1900	1900	1900	1900	1900	1900	2025
PURCHASE UNIT FLAG	0	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2100	2100	2100	2100	2100	2100	2054
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

FIXOQM

VAROQM

THERMAL UNIT	959	960	961	962	963	964	965
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	1	1	1	1	1	1	1
BID PRICE OPTION	0	0	0	0	0	0	0
COMMISSION MONTH	1	1	1	1	1	1	1
COMMISSION YEAR	2020	2020	2020	2020	2016	2016	2016
DEFERRAL PRIORITY	0	0	0	0	0	0	0

4-Company East Optimization

DISPATCH LAMBDA OPTION	0	0	0	0	0	0
RECIPIENT HEAT RATE OPTION	0	0	0	0	0	0
ESCALATION ANNUAL REVENUE						
ESCALATION BID PRICE AT INCREMENT						
ESCALATION BID PRICE AT MINIMUM						
ESCALATION CAPACITY REVENUE						
ESCALATION CAPITAL COSTS						
ESCALATION FIXED ANNUAL RATE						
ESCALATION FIXED COSTS						
ESCALATION FIXED SEASONAL RATE						
ESCALATION VARIABLE COSTS						
IMMATURE FORCED OUTAGE RATE						
IMMATURE PERIOD						
MATURITY YEAR	0.00	0.00	0.00	0.00	0.00	0.00
PURCHASE UNIT FLAG	0	0	0	0	0	0
RESERVE OF TOTAL UNIT	2020	2020	2020	2018	2016	2016
RESERVE OF OPER SEGMENT	0	0	0	0	0	0
RESOURCE TYPE	0.00	0.00	0.00	0.00	0.00	0.00
RETIREMENT MONTH	100.00	100.00	100.00	100.00	100.00	100.00
RETIREMENT YEAR	C	C	C	C	C	C
SOURCE INDEX NUMBER	12	12	12	12	12	12
THERMAL UNIT TYPE	2049	2049	2049	2018	2016	2045
	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	966	967	968	969	970	971	972
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	RPID_KP_966	BS2_FBD_967	CR2_NGCC_968	CRI_NGCC_969	MRS_NGCC_970	DUMWY_OP_971	DUMWY_OP_972
BID PRICE OPTION	1	1	1	1	1	1	1
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	6	1	1	1	6	1
DEFERRAL PRIORITY	2016	2016	2015	2015	2015	2015	2015
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMENT							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	5	12	12	12	5	12
RETIREMENT YEAR	2045	2046	2044	2044	2044	2016	2015
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	973	974	975	976	977	978	979
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	DUMWY_OP_973	DUMWY_OP_974	DUMWY_OP_975	DUMWY_OP_976	DUMWY_OP_977	DUMWY_OP_978	DUMWY_OP_979
BID PRICE OPTION	1	1	1	1	1	1	1
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2015	2015	2015	2015	2015	2015	2015
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMENT							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2015	2015	2015	2015	2015	2015	2015
SOURCE INDEX NUMBER	0	0	0	0	0	0	0
THERMAL UNIT TYPE							

THERMAL UNIT	980	981	982	983	984	985	986
AIR BASIN POINTER							
BID PRICE ACCOUNTING FLAG	DUMWY_OP_980	DUMWY_OP_981	DUMWY_OP_982	DUMWY_OP_983	DUMWY_OP_984	DUMWY_OP_985	DUMWY_OP_986
BID PRICE OPTION	1	1	1	1	1	1	1
COMMISSION MONTH	0	0	0	0	0	0	0
COMMISSION YEAR	1	1	1	1	1	1	1
DEFERRAL PRIORITY	2015	2015	2015	2015	2015	2015	2015
DISPATCH LAMBDA OPTION	0	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0	0
ESCALATION ANGLIARY REVENUE							
ESCALATION BID PRICE AT INCREMENT							
ESCALATION BID PRICE AT MINIMUM							
ESCALATION CAPACITY REVENUE							
ESCALATION CAPITAL COSTS							
ESCALATION FIXED ANNUAL RATE							
ESCALATION FIXED SEASONAL RATE							
ESCALATION VARIABLE COSTS							
ESCALATION FORCED OUTAGE RATE							
IMMATURE PERIOD							
MATURITY YEAR							
PURCHASE UNIT FLAG							
RESERVE OF TOTAL UNIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESERVE OF UPPER SEGMENT	0	0	0	0	0	0	0
RESOURCE TYPE	C	C	C	C	C	C	C
RETIREMENT MONTH	12	12	12	12	12	12	12
RETIREMENT YEAR	2015	2015	2015	2015	2015	2015	2015

4-Company East Optimization

SOURCE INDEX NUMBER	0	0	0	0	0	0
THERMAL UNIT TYPE						
THERMAL UNIT						
AIR BASIN POINTER	987	988	989	990	991	992
BID PRICE ACCOUNTING FLAG	DUMMY OP 987	DUMMY OP 988	DUMMY OP 989	DUMMY OP 990	DUMMY OP 991	DUMMY OP 992
BID PRICE OPTION	0	0	0	0	0	0
COMMISSION MONTH	0	0	0	0	0	0
COMMISSION YEAR	2015	2015	2015	2015	2015	2015
DEFERRAL PRIORITY	0	0	0	0	0	0
DISPATCH LABEL OPTION	0	0	0	0	0	0
EFFICIENT HEAT RATE OPTION	0	0	0	0	0	0
ESCALATION ANNUAL REVENUE	0	0	0	0	0	0
ESCALATION BID PRICE AT INCREMENT	0	0	0	0	0	0
ESCALATION BID PRICE AT MINIMUM	0	0	0	0	0	0
ESCALATION CAPACITY REVENUE	0	0	0	0	0	0
ESCALATION CAPITAL COSTS	0	0	0	0	0	0
ESCALATION FIXED ANNUAL RATE	0	0	0	0	0	0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAV.INPUT.THERMAL UNIT.

SEGMENT EMISSIONS LIBRARY	1	2	3	4	5	6	7
EMISSIONS DATA METHOD	AMOS1_11	AMOS2_11	AMOS3_11	BECK1_11	BIG_1_11	BIG_2_11	BIG_2_11
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	8	9	10	11	12	13	14
EMISSIONS DATA METHOD	CARD1_11	CARD2_11	CARD3_11	CLNR1_11	CLNR2_11	CLNR3_11	CSV12_11
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	15	16	17	18	19	20	21
EMISSIONS DATA METHOD	CSV14_11	CSV15_11	CSV16_11	GAV1_11	GAV2_11	GLN5_11	GLN6_11
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	22	23	24	25	26	27	28
EMISSIONS DATA METHOD	KMR1_11	KMR2_11	KMR3_11	KNWH1_11	KNWH2_11	SP3_SNCR	MTR_188
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	29	30	31	32	33	34	35
EMISSIONS DATA METHOD	MTR_908	MTC1_11	MTC2_11	MNTR_11	MTRN_1	MR1_11	MR2_11
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	36	37	38	39	40	41	42
EMISSIONS DATA METHOD	MR3_11	MR4_11	MR5_11	SPRN1_11	SPRN2_11	SPRN3_11	SPRN4_11
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	43	44	45	46	47	48	49
EMISSIONS DATA METHOD	SPRN5_11	PCWY_11	ROCK1_11	ROCK2_11	TNR1_11	TNRC2_11	TNRC3_11
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	50	51	52	53	54	55	56
EMISSIONS DATA METHOD	BS2_FGD	TNR4_11	CD3_11	AML_FGD	AM2_FGD	AM3_FGD	BS1_SNCR
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	57	58	59	60	61	62	63
EMISSIONS DATA METHOD	BS2_FGD	CSV4_FGD	SP4_SNCR	CSV5_SCR	CSV6_SCR	GAV1_QCS	GAV2_FUP
	1	1	1	1	1	1	1
SEGMENT EMISSIONS LIBRARY	64	65	66	67	68	69	70
EMISSIONS DATA METHOD	GAVZ_FUP	MRS_FGD	RPL_FGSC	RP2_FGSC	TCL_SNCR	TC2_SNCR	TC3_SNCR
	1	1	1	1	1	1	1

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEGMENT HEAT RATE LIBRARY	AMS_1D	1	AMS_2D	2	AMOS_3	3	BECK_6	4	BIGS_1	5	BIGS_2	6	CARD_1	7
HEAT RATE METHOD	3	3	3	2	2	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	CARD_2	8	CARD_3	9	CLIF_1	10	CLIF_2	11	CLIF_3	12	CLIF_4	13	CLIF_5	14
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	CLIF_6	15	CLIN_1	16	CLIN_2	17	CLIN_3	18	GAV2_11	19	AM3_AP	20	CSVL_3	21
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	2	2	3	3
SEGMENT HEAT RATE LIBRARY	CSVL_4	22	CSVL_5	23	CSVL_6	24	COOK_1	25	COOK_2	26	GAV1_1	27	GAV1_2	28
HEAT RATE METHOD	3	3	3	3	3	3	1	1	1	1	3	3	3	3
SEGMENT HEAT RATE LIBRARY	GLEN_5	29	GLEN_6	30	IGCC_1	31	NUCLEAR	32	KAMM_1	33	KAMM_2	34	KAMM_3	35
HEAT RATE METHOD	3	3	3	3	3	3	2	2	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	KANA_1	36	KANA_2	37	KYGE_1	38	KYGE_2	39	KYGE_3	40	KYGE_4	41	KYGE_5	42
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	MITC_1	43	MITC_2	44	MOUN_1	45	MUSK_1	46	MUSK_2	47	MUSK_3	48	MUSK_4	49
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	MUSK_5	50	PSPN_1	51	PSPN_2	52	PSPN_3	53	PSPN_4	54	PSPN_5	55	PLCW_5	56
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	ROCK_11M	58	ROCK_21M	59	MRS_ST	60	STUA_1	61	STUA_2	62	STUA_3	63	STUA_4	64
HEAT RATE METHOD	2	2	2	2	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	TANN_1	65	TANN_1	66	TANN_2	67	TANN_3	68	TANN_4	69	TANN_1	70	AM1SI	71
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	BS2SI	72	TM4SI	73	ST1SI	74	ST2SI	75	ST3SI	76	ST4SI	77	MTRSI	78
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	RK1BIO	79	RK2BIO_L	80	IGCC_CCS	81	RK2BIO_F	82	PC_CCS	83	KW8_2_1	84	KW8_2_2	85
HEAT RATE METHOD	3	3	3	3	2	2	3	3	3	3	3	1	1	1
SEGMENT HEAT RATE LIBRARY	KW8_2_3	86	CL1_P	87	CL2_P	88	CL3_P	89	Tand_Q	90	CEREDO1	91	CEREDO2	92
HEAT RATE METHOD	1	1	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	CEREDO3	93	CEREDO4	94	CEREDO5	95	CEREDO6	96	RK1_CF	97	RK2_CF	98	TC1_SNCR	99
HEAT RATE METHOD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	TC2_SNCR	100	TC3_SNCR	101	USGPC	102	PC_R_CCS	103	PC_N_CCS	104	IGCC	105	IGCC	106
HEAT RATE METHOD	3	3	3	3	2	2	2	2	2	2	3	3	2	2
SEGMENT HEAT RATE LIBRARY	IGC_RCCS	107	IGC_NCCS	108	MRS_ST	109	MRS_CF	110	SP_3SNCR	111	SP_4SNCR	112	CARD1_3	115
HEAT RATE METHOD	2	2	2	2	3	3	3	3	3	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	MITC1_2	116	MITC2_4	117	MOUN1_6	118	LMBG_CC	122	KWREPOW1	123	KWREPOW2	124	KWREPOW3	125
HEAT RATE METHOD	2	2	2	2	2	2	2	2	2	2	2	2	2	2

4-Company East Optimization

HEAT RATE METHOD	3	3	3	1	3	3	3	3	3
SEGMENT HEAT RATE LIBRARY	126	127	128	129	130	131	132		
HEAT RATE METHOD	1	2	2	2	1	2	2	3	
SEGMENT HEAT RATE LIBRARY	133	134	135	136	137	138	139		
HEAT RATE METHOD	2	2	2	2	2	2	2	3	
SEGMENT HEAT RATE LIBRARY	140	143	144	145	146	147	148		
HEAT RATE METHOD	2	3	3	3	3	3	3		
SEGMENT HEAT RATE LIBRARY	149	150	151	152	153	154	155		
HEAT RATE METHOD	3	3	3	3	3	3	3		
SEGMENT HEAT RATE LIBRARY	156	157	158	159	160	161	162		
HEAT RATE METHOD	3	3	3	3	3	3	3		
SEGMENT HEAT RATE LIBRARY	163	164	165	166	167	168	170		
HEAT RATE METHOD	3	3	3	3	2	2	3		
SEGMENT HEAT RATE LIBRARY	171	172	174	175	176	177	178		
HEAT RATE METHOD	3	3	3	3	3	3	3		
SEGMENT HEAT RATE LIBRARY	179	180	181	182	183	184	185		
HEAT RATE METHOD	3	3	3	2	2	3	3		
SEGMENT HEAT RATE LIBRARY	186								
HEAT RATE METHOD	3								

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

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 -----							
ANNUAL REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MBTU/MBH							
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SBSEGMENT PROFILE	1	2	3	4	5	6	7
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERIVATION LIBRARY POINTER	1	2	3	4	5	6	7
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	5009.72	-2953.73	15815.54	579.44	2157.69	31369.00	8767.37
FIXED SEASONAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	1	2	3	4	5	6	7
HEAT RATE PROFILE	1	2	3	4	5	6	7
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	1	1	1	1	1	1	1
NATURE OUTAGE RATE SEASONAL PROF	0	246	0	0	0	0	248
MAXIMUM CAPACITY	790.00	790.00	858.00	53.00	278.00	800.00	595.00
MINIMUM CAPACITY	350.00	350.00	462.00	20.00	100.00	500.00	325.00
MUST RUN INDICATOR	1	1	1	1	0	0	1
PARTIAL OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	0	0	0	0	0	0	0
PERCENT FIRM	94.16	92.51	95.24	95.41	92.61	92.50	89.75
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	250	250	250	0	0	0	0
VARIABLE O AND M COSTS	1.84	1.84	1.84	2.98	1.34	0.97	2.21
----- YEAR 2012 -----							
FIXED COSTS	\$000/YR	7647.04	12844.91	12186.69	849.55	3310.20	21595.00
NATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0
PERCENT FIRM	%	93.25	92.79	95.42	95.97	92.72	94.00
----- YEAR 2013 -----							
FIXED COSTS	\$000/YR	17002.88	12257.52	21432.37	931.76	4028.55	30281.00
PERCENT FIRM	%	94.89	93.55	95.45	96.10	92.36	93.00
----- YEAR 2014 -----							
FIXED COSTS	\$000/YR	10251.86	17303.69	19567.19	2891.79	9587.05	30317.00
PERCENT FIRM	%	94.89	93.55	95.45	96.10	92.36	94.50
----- YEAR 2015 -----							
FIXED COSTS	\$000/YR	22825.56	25468.03	26103.08	0.00	43906.56	171715.00
PERCENT FIRM	%	94.89	93.55	95.45	0.00	92.36	94.00
----- YEAR 2016 -----							
FIXED COSTS	\$000/YR	34622.92	27299.03	33387.89	0.00	0.00	16484.25
PERCENT FIRM	%	94.89	93.55	95.45	0.00	0.00	83.26
----- YEAR 2017 -----							
FIXED COSTS	\$000/YR	32931.94	29688.28	40702.05	0.00	0.00	23447.12
----- YEAR 2018 -----							
FIXED COSTS	\$000/YR	29150.14	26876.46	38264.98	0.00	0.00	21804.57
----- YEAR 2019 -----							
FIXED COSTS	\$000/YR	28956.36	37974.04	41682.87	0.00	0.00	20914.02
----- YEAR 2020 -----							
FIXED COSTS	\$000/YR	37041.15	30832.86	37986.84	0.00	0.00	30062.17
----- YEAR 2021 -----							
FIXED COSTS	\$000/YR	36319.89	37324.88	43775.85	0.00	0.00	117457.37
----- YEAR 2022 -----							
FIXED COSTS	\$000/YR	36526.60	38389.57	45880.61	0.00	0.00	62292.65
----- YEAR 2023 -----							
FIXED COSTS	\$000/YR	37453.33	41625.83	47328.14	0.00	0.00	74140.11
----- YEAR 2024 -----							
FIXED COSTS	\$000/YR	41581.46	43405.13	49873.90	0.00	0.00	91532.98
----- YEAR 2025 -----							
FIXED COSTS	\$000/YR	41785.27	44832.35	11659.01	0.00	0.00	80025.04
----- YEAR 2026 -----							

	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	THEMAL UNIT											
-----	YEAR 2011																		
-----	ANCILLARY REVENUE RATE																		
	AVG HEAT RATE MAXIMUM SEASONAL P	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AVG HEAT RATE MINIMUM SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	BID PRICE AT INCREMENTAL	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BID PRICE AT MINIMUM	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BID PRICE INCREMENTAL SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPACITY REVENUE PROFILE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CAPACITY SEGMENT PROFILE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPITAL COSTS	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DEPARTION LIBRARY POINTER		15	16	16	17	17	18	18	19	20	21	21	21	21	21	21	21	21
	DISPATCH PENALTY AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DISPATCH PENALTY AT MINIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ENERGY MARGIN CAPACITY FACTOR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FIXED ANNUAL CAPACITY RATE	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FIXED COSTS	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FIXED SEASONAL RATE PROFILE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	HEAT RATE PROFILE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	HEAT RATE REQUIREMENT	WKS/YEAR	15	16	16	17	17	18	18	19	20	21	21	21	21	21	21	21	21
	MAINTENANCE REQUISIREMENT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MAINTENANCE SEASONAL METHOD		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	MAINTENANCE SEASONAL POINTER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MATURE OUTAGE RATE SEASONAL PROF		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MAXIMUM CAPACITY	MW	87.00	235.00	235.00	235.00	235.00	235.00	235.00	195.00	195.00	165.00	165.00	165.00	165.00	165.00	165.00	165.00	165.00
	MINIMUM CAPACITY	MW	23.00	60.00	60.00	60.00	60.00	60.00	60.00	195.00	195.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
	MOST RUN INDICATOR		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT FTRM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	RENEWABLE ENERGY CREDIT	%	94.64	83.77	84.02	89.69	93.26	93.69	93.69	93.69	93.69	93.69	93.69	93.69	93.69	93.69	93.69	93.69	93.69
	SEASONAL VARIABLE COST PROFILE	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SEASONAL VARIABLE COST PROFILE	\$/MWH	0.00	2.38	2.38	2.38	2.38	2.38	2.38	0.99	0.69	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24
	VARIABLE O AND M COSTS		0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	-----	YEAR 2012																	
	FIXED COSTS	\$/KW/YR	0.00	2502.41	6541.13	4470.74	2844.00	3006.00	114.83										
	MATURE FORCED OUTAGE RATE	%	5.36	17.17	16.57	14.17	6.92	6.77	16.36										

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

CAPITAL COSTS	\$000	22	23	24	25	92	27	28
DERATION LIBRARY POINER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$/KW/YR	6062.75	6519.00	4703.00	94385.42	88582.12	8764.71	17493.44
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE	WKS/YEAR	22	23	24	0	0	27	0
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINER	0	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF	%	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MW	337.00	400.00	400.00	1084.00	1107.00	1320.00	1320.00
MINIMUM CAPACITY	MW	141.00	130.00	130.00	1082.00	1105.00	900.00	950.00
MOST RUN INDICATOR	1	1	1	1	1	1	1	1
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0
PERCENT FIRM	RATIO	94.07	95.05	92.31	100.00	100.00	94.10	95.60
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	\$/MMH	250	250	250	4.69	4.69	250	250
VARIABLE O AND M COSTS	\$/MMH	2.24	2.24	2.24	4.69	4.69	0.98	0.98
----- YEAR 2012 -----								
FIXED COSTS	\$000/YR	17379.32	19856.00	9303.00	101139.20	103767.67	15440.11	12326.42
HEAT RATE PROFILE	%	22	23	24	0	0	27	19
PERCENT FIRM	%	95.61	95.05	91.57	100.00	100.00	93.18	94.91
----- YEAR 2013 -----								
DERATION LIBRARY POINER	\$000/YR	11037.77	9843.00	19603.00	117673.31	117025.41	14326.69	22931.10
FIXED COSTS	%	22	23	24	150	108	27	28
PERCENT FIRM	%	96.13	95.05	91.57	100.00	100.00	92.26	94.95
----- YEAR 2014 -----								
DERATION LIBRARY POINER	\$000/YR	11338.75	11524.00	12194.00	130557.72	125665.18	34782.15	25911.62
FIXED COSTS	%	22	23	24	150	109	27	28
PERCENT FIRM	%	96.90	96.11	95.09	100.00	100.00	92.26	94.95
----- YEAR 2015 -----								
FIXED COSTS	\$000/YR	20413.85	24243.00	15054.00	139847.36	143129.27	30441.83	48671.82
PERCENT FIRM	%	97.16	95.76	94.68	100.00	100.00	92.26	94.95
----- YEAR 2016 -----								
FIXED COSTS	\$000/YR	21443.51	23147.00	34508.00	157399.56	156668.94	54365.89	41293.61
PERCENT FIRM	%	97.42	96.11	95.50	100.00	100.00	92.26	94.95
----- YEAR 2017 -----								
FIXED COSTS	\$000/YR	21487.24	27588.00	27065.00	177559.28	166668.16	45707.44	62263.37
PERCENT FIRM	%	97.16	95.76	95.91	100.00	100.00	92.26	94.95
----- YEAR 2018 -----								
FIXED COSTS	\$000/YR	35510.53	43594.00	35114.00	181841.05	185885.00	54842.56	49194.93

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		22	23	24	25	26	27	28
		CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2
PERCENT FIRM	YEAR 2018	97.42	95.76	95.91	100.00	100.00	92.26	94.95
FIXED COSTS	YEAR 2019	\$000/YR 30348.22	\$000/YR 349497.00	\$000/YR 375849.00	\$000/YR 202032.41	\$000/YR 201680.08	\$000/YR 49729.78	\$000/YR 62526.15
PERCENT FIRM	YEAR 2019	97.16	96.11	95.50	100.00	100.00	92.26	94.95
FIXED COSTS	YEAR 2020	\$000/YR 29112.49	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 215596.77	\$000/YR 210701.50	\$000/YR 57120.38	\$000/YR 69019.08
FIXED COSTS	YEAR 2021	\$000/YR 31348.53	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 225172.30	\$000/YR 230030.53	\$000/YR 59254.23	\$000/YR 70807.57
FIXED COSTS	YEAR 2022	\$000/YR 33901.05	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 244482.31	\$000/YR 244548.12	\$000/YR 62912.33	\$000/YR 74473.06
FIXED COSTS	YEAR 2023	\$000/YR 38283.74	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 260279.31	\$000/YR 254030.77	\$000/YR 1975.62	\$000/YR 80671.25
FIXED COSTS	YEAR 2024	\$000/YR 38512.50	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 268485.34	\$000/YR 274205.44	\$000/YR 10272.09	\$000/YR 82696.28
FIXED COSTS	YEAR 2025	\$000/YR 40745.07	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 289181.19	\$000/YR 289698.94	\$000/YR 5499.72	\$000/YR 92703.41
FIXED COSTS	YEAR 2026	\$000/YR 44073.09	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 304436.03	\$000/YR 299489.50	\$000/YR 13096.68	\$000/YR 92387.73
FIXED COSTS	YEAR 2027	\$000/YR 45873.56	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 314489.69	\$000/YR 321182.62	\$000/YR 9780.18	\$000/YR 98347.13
FIXED COSTS	YEAR 2028	\$000/YR 48301.57	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 336182.84	\$000/YR 337069.75	\$000/YR 19118.17	\$000/YR 101773.12
FIXED COSTS	YEAR 2029	\$000/YR 51332.26	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 352363.44	\$000/YR 347402.22	\$000/YR 13957.95	\$000/YR 108559.67
FIXED COSTS	YEAR 2030	\$000/YR 53125.39	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 362786.16	\$000/YR 370470.50	\$000/YR 22009.21	\$000/YR 111423.61
FIXED COSTS	YEAR 2031	\$000/YR 54134.95	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 375509.59	\$000/YR 376835.16	\$000/YR 16807.61	\$000/YR 117428.42
FIXED COSTS	YEAR 2032	\$000/YR 54641.44	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 379412.38	\$000/YR 374030.50	\$000/YR 23394.33	\$000/YR 117896.07
FIXED COSTS	YEAR 2033	\$000/YR 54299.46	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 377499.22	\$000/YR 385880.62	\$000/YR 17259.00	\$000/YR 119294.86
FIXED COSTS	YEAR 2034	\$000/YR 53824.80	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 388787.25	\$000/YR 390062.84	\$000/YR 21098.00	\$000/YR 117682.14
FIXED COSTS	YEAR 2035	\$000/YR 53104.32	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 243432.50	\$000/YR 311112.03	\$000/YR 7295.00	\$000/YR 119585.25
FIXED COSTS	YEAR 2036	\$000/YR 51762.32	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 31374.19	\$000/YR 5614.73	\$000/YR 110701.08
FIXED COSTS	YEAR 2037	\$000/YR 53953.67	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 2549185.25	\$000/YR -649.82	\$000/YR 111521.00
FIXED COSTS	YEAR 2038	\$000/YR 51994.77	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 6609.94	\$000/YR 113416.47
FIXED COSTS	YEAR 2039	\$000/YR 52876.13	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR -2273.19	\$000/YR 116537.11
FIXED COSTS	YEAR 2040	\$000/YR 359757.72	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 429776.09	\$000/YR 670077.81
THERMAL UNIT		29	30	33	34	35	36	37
		GLEN IYN 5	GLEN IYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
ANCIILARY REVENUE RATE	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL		0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL		0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE		0	0	0	0	0	0	0
CAPACITY REVENUE RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE		29	30	33	34	35	36	37
CAPITAL COSTS		0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER		29	30	33	34	35	36	37
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT	29	30	33	34	35	36	37
THERMAL UNIT							
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
MUST RUN INDICATOR	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0

UNIT	38	39	40	41	42	43	44
THERMAL UNIT							
YEAR 2011	0	0	0	0	0	0	0
ANCILLARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY SEGMENT PROFILE	0	0	0	0	0	0	0
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTNER	40	40	40	40	40	43	44
DISPATCH PENALTY AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	15507.71	9509.78
FIXED SEASONAL CAPACITY RATE	0	0	0	0	0	0.00	0.00
HEAT RATE PROFILE	38	39	40	41	42	43	44
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MATURE FORCED OUTAGE RATE	4.42	3.66	6.21	3.83	2.98	4.49	6.60
MATURE FORCED OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	85.00	85.00	85.00	85.00	85.00	770.00	790.00
MINIMUM CAPACITY	65.00	65.00	65.00	65.00	65.00	400.00	450.00
MUST RUN INDICATOR	0	0	0	0	0	1	1
PARTIAL OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
PERCENT FIRM	95.58	96.34	93.79	96.17	97.02	95.51	93.40
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	250	250
VARIABLE O AND M COSTS	3.04	4.75	4.75	4.76	4.75	0.99	0.99

UNIT	45	46	47	48	49	50
THERMAL UNIT						
YEAR 2012	0	0	0	0	0	0
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	14689.20
PERCENT FIRM	95.58	96.34	93.79	96.17	97.02	95.67
YEAR 2013	0	0	0	0	0	20115.49
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	28481.47
PERCENT FIRM	95.58	96.34	93.79	96.17	97.02	94.84
YEAR 2014	0	0	0	0	0	19948.78
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	33085.17
YEAR 2015	0	0	0	0	0	54294.52
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	44301.90
YEAR 2016	0	0	0	0	0	53382.62
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	62727.03
YEAR 2017	0	0	0	0	0	53012.82
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	54048.07

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT	38	39	40	41	42	43	44
UNIT	KYGER	KYGER	KYGER	KYGER	KYGER	MITCHELL	MITCHELL
UNIT	1	2	3	4	5	1	2
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YEAR 2038	0.00	0.00	0.00	0.00	0.00	122697.82	66401.21
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	122223.04	66930.04
YEAR 2039	0.00	0.00	0.00	0.00	0.00	625039.19	294141.62
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	625039.19	294141.62
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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THERMAL UNIT	MOUNT_	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
	45	46	47	48	49	50	51
	1	1	2	3	4	5	1
-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANCILLARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	13534.59	-645.88	-753.76	-702.22	991.54	18686.00	-683.43
FIXED SEASONAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	45	46	47	48	49	50	51
HEAT RATE PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE REQUIREMENT	1	1	1	1	1	1	1
MAINTENANCE SEASONAL METHOD	0	0	0	0	0	0	0
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	1314.00	205.00	205.00	215.00	215.00	600.00	150.00
MINIMUM CAPACITY	600.00	60.00	60.00	60.00	60.00	450.00	35.00
MOST RUN INDICATOR	1	0	0	0	0	1	0
PARTIAL OUTAGE RATE SEASONAL PRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
PERCENT FIRM	94.78	85.15	82.59	80.28	90.79	78.10	68.95
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	250	0	0	0	0	0	0
VARIABLE O AND M COSTS	2.68	1.82	1.82	1.82	1.82	1.82	2.78
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YEAR 2012	29605.59	531.26	1513.21	223.70	2279.04	24101.00	-387.05
PERCENT FIRM	94.97	85.53	83.04	80.79	87.44	85.73	67.33
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YEAR 2013	35115.84	490.60	31.95	384.69	986.84	19057.00	-416.06
PERCENT FIRM	95.01	86.01	83.04	81.42	87.44	87.95	65.25
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YEAR 2014	53294.17	5438.13	-1378.51	10953.20	-73.60	18096.00	1109.54
FIXED COSTS	53294.17	5438.13	-1378.51	10953.20	-73.60	18096.00	1109.54
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YEAR 2015	45879.80	0.00	0.00	0.00	0.00	62139.00	0.00
PERCENT FIRM	95.01	0.00	0.00	0.00	0.00	0.00	0.00
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YEAR 2016	86618.34	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	86618.34	0.00	0.00	0.00	0.00	0.00	0.00
-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	73117.19	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	73117.19	0.00	0.00	0.00	0.00	0.00	0.00
-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	87219.08	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	87219.08	0.00	0.00	0.00	0.00	0.00	0.00
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YEAR 2019	80550.57	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	80550.57	0.00	0.00	0.00	0.00	0.00	0.00
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YEAR 2020	86465.66	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	86465.66	0.00	0.00	0.00	0.00	0.00	0.00
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YEAR 2021	91550.24	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	91550.24	0.00	0.00	0.00	0.00	0.00	0.00
-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	63191.60	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	63191.60	0.00	0.00	0.00	0.00	0.00	0.00
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YEAR 2023							

4-Company East Optimization

FIXED COSTS		\$000/YR	63474.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2024	-----																		
FIXED COSTS		\$000/YR	71955.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2025	-----																		
FIXED COSTS		\$000/YR	63202.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2026	-----																		
FIXED COSTS		\$000/YR	91234.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2027	-----																		
FIXED COSTS		\$000/YR	73539.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2028	-----																		
FIXED COSTS		\$000/YR	81342.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2029	-----																		
FIXED COSTS		\$000/YR	79760.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2030	-----																		
FIXED COSTS		\$000/YR	88078.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2031	-----																		
FIXED COSTS		\$000/YR	80023.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2032	-----																		
FIXED COSTS		\$000/YR	76195.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2033	-----																		
FIXED COSTS		\$000/YR	67427.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2034	-----																		
FIXED COSTS		\$000/YR	68825.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2035	-----																		
FIXED COSTS		\$000/YR	61143.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2036	-----																		
FIXED COSTS		\$000/YR	83592.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2037	-----																		
FIXED COSTS		\$000/YR	59044.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2038	-----																		
FIXED COSTS		\$000/YR	65166.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2039	-----																		
FIXED COSTS		\$000/YR	61218.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2040	-----																		
FIXED COSTS		\$000/YR	511774.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-----	YEAR 2041	-----																		
-----	YEAR 2011	-----																		
ANCLILARY REVENUE RATE		\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVERAGE HEAT RATE AT MAXIMUM		MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVERAGE HEAT RATE AT MINIMUM		MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HEAT RATE MAXIMUM SEASONAL, P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL_UNIT.

THermal UNIT	52	53	54	55	56	57	58
	P SPORN 2	P SPORN 3	P SPORN 4	P SPORN 5	PICMAX 5	RPRFT_IM 1	RPRUN_IM 1
----- YEAR 2011 -----							
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	0	0	0	0	0	0	0
CAPITAL COSTS	\$/KW	\$/KW	\$/KW	\$/KW	\$/KW	\$/KW	\$/KW
CAPITAL COSTS	\$000	\$000	\$000	\$000	\$000	\$000	\$000
DISPATCH PENALTY AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MAXIMUM	52	53	54	55	56	58	58
EMERGENCY MARGIN CAPACITY FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EMERGENCY MARGIN CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	5229.59	3439.02	6772.53	0.00	2127.00	25550.00	25686.00
FIXED SEASONAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0
HEAT RATE PROFILE	52	53	54	55	56	58	58
HEAT RATE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MW	MW	MW	MW	MW	MW	MW
MINIMUM CAPACITY	150.00	150.00	150.00	450.00	100.00	1105.00	1105.00
MUST RUN INDICATOR	35.00	35.00	35.00	270.00	10.00	370.00	370.00
PRITAL OUTAGE RATE	0	0	0	0	0	0	0
PRITAL OUTAGE RATE SEASONAL PRO	0	0	0	0	0	0	0
PERCENT FIRM	68.95	75.70	75.70	0.00	0	92.00	92.00
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	3.39	2.78	3.39	3.39	6.64	0.99	0.99
----- YEAR 2012 -----							
FIXED COSTS	\$000/YR	6071.18	789.05	7579.46	0.00	1771.98	16062.00
HEAT RATE PROFILE	52	111	112	55	56	58	58
PERCENT FIRM	67.33	72.10	72.10	0.00	92.35	92.90	92.90
----- YEAR 2013 -----							
FIXED COSTS	\$000/YR	7969.36	1049.08	7368.90	0.00	2520.73	18706.00
PERCENT FIRM	65.25	68.50	68.50	0.00	91.84	93.00	93.00
----- YEAR 2014 -----							
FIXED COSTS	\$000/YR	9693.78	3490.42	9414.73	0.00	1449.62	17868.00
----- YEAR 2015 -----							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	22950.00
PERCENT FIRM	0.00	0.00	0.00	0.00	0.00	0.00	93.00
----- YEAR 2016 -----							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2017 -----							
DERATION LIBRARY POINTER	52	53	54	55	56	59	59
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							

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

THEMAL UNIT	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN
	2	1	2	3	4	3	1-3
----- YEAR 2012 -----							
HEAT RATE PROFILE	59	61	62	63	64	20	99
PERCENT FIRM	93.23	90.84	90.30	91.18	90.72	95.42	80.00
----- YEAR 2013 -----							
FIXED COSTS	\$000/YR	9555.00	7262.81	7062.07	7110.81	7093.72	53622.27
PERCENT FIRM	%	92.76	90.08	89.50	90.44	89.95	95.45
----- YEAR 2014 -----							
FIXED COSTS	\$000/YR	19368.00	9037.65	9201.00	9231.32	9486.67	46278.29
----- YEAR 2015 -----							
FIXED COSTS	\$000/YR	13262.00	9865.47	9846.30	9874.97	9866.69	57362.63
PERCENT FIRM	%	92.76	90.08	89.50	90.44	89.95	95.45
----- YEAR 2016 -----							
FIXED COSTS	\$000/YR	21073.00	11460.29	10974.28	11011.10	10999.26	67579.17
----- YEAR 2017 -----							
FIXED COSTS	\$000/YR	20184.00	11827.66	11955.97	12028.41	12019.51	68323.79
----- YEAR 2018 -----							
FIXED COSTS	\$000/YR	23459.00	12930.69	12879.30	12981.66	12954.39	57186.02
----- YEAR 2019 -----							
FIXED COSTS	\$000/YR	27041.00	12821.91	12563.08	12705.35	12651.45	68800.85
----- YEAR 2020 -----							
FIXED COSTS	\$000/YR	0.00	13035.51	13141.24	13304.03	13252.75	64944.07
PERCENT FIRM	%	0.00	90.08	89.50	90.44	89.95	95.45
----- YEAR 2021 -----							
FIXED COSTS	\$000/YR	0.00	14555.25	14454.39	14644.21	14566.40	68606.87
----- YEAR 2022 -----							
FIXED COSTS	\$000/YR	0.00	15265.31	14937.31	15138.02	15062.45	72604.18
----- YEAR 2023 -----							
FIXED COSTS	\$000/YR	0.00	15713.64	15820.87	16026.94	16281.04	73819.76
----- YEAR 2024 -----							
FIXED COSTS	\$000/YR	0.00	16553.55	16438.04	16655.13	16569.63	76601.47
----- YEAR 2025 -----							
FIXED COSTS	\$000/YR	0.00	17700.64	17025.17	17218.04	17137.65	88626.22
----- YEAR 2026 -----							
FIXED COSTS	\$000/YR	0.00	17996.40	18129.19	18324.12	18240.01	91235.02
----- YEAR 2027 -----							
FIXED COSTS	\$000/YR	0.00	18993.81	18885.88	19076.76	19007.23	94153.86
----- YEAR 2028 -----							
FIXED COSTS	\$000/YR	0.00	19793.28	19404.10	19629.13	19567.48	97079.59
----- YEAR 2029 -----							
FIXED COSTS	\$000/YR	0.00	20365.08	20476.53	20700.85	20630.38	100016.08
----- YEAR 2030 -----							
FIXED COSTS	\$000/YR	0.00	21474.46	21324.29	21559.76	21491.09	103067.47
----- YEAR 2031 -----							
FIXED COSTS	\$000/YR	0.00	21288.34	20862.72	21119.03	21041.73	103194.00
----- YEAR 2032 -----							
FIXED COSTS	\$000/YR	0.00	21114.10	21230.31	21472.09	21796.99	104880.97
----- YEAR 2033 -----							
FIXED COSTS	\$000/YR	0.00	21438.10	21288.69	21543.42	21463.11	104972.18
----- YEAR 2034 -----							
FIXED COSTS	\$000/YR	0.00	21707.67	20848.49	21112.83	21034.38	106253.63
----- YEAR 2035 -----							
FIXED COSTS	\$000/YR	0.00	20734.16	20872.92	21125.94	21056.32	107510.37
----- YEAR 2036 -----							
FIXED COSTS	\$000/YR	0.00	20867.78	20716.23	21014.19	20890.90	107552.63
----- YEAR 2037 -----							
FIXED COSTS	\$000/YR	0.00	20663.74	20209.50	20496.03	20380.10	110065.30
----- YEAR 2038 -----							
FIXED COSTS	\$000/YR	0.00	20855.71	21005.35	21275.72	21174.55	112670.43
----- YEAR 2039 -----							
FIXED COSTS	\$000/YR	0.00	21722.25	21564.56	21859.23	21737.52	114701.17
----- YEAR 2040 -----							
FIXED COSTS	\$000/YR	0.00	113179.22	112714.05	113037.29	112912.03	330344.00

PARAMETER	UNIT	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTWONE 1	ROBTWONE 2	ROBTWONE 3
----- YEAR 2011 -----								
ANCILLARY REVENUE RATE	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	\$/MWH	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	\$/MWH	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	\$/MWH	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	\$/MWH	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	\$/KW	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS	\$000	67	68	69	70	111	112	113
DERATION LIBRARY POINTER		67	68	69	70	71	72	73
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGAIN CAPACITY RATE	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	1618.98	5250.53	-1827.00	6217.46	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE		0	0	0	0	0	0	0
HEAT RATE PROFILE		67	68	69	70	0	0	0
HEAT RATE REQUIREMENT	WKS/YEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD		1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER		1	1	1	1	1	1	1
MATURE FORCED OUTAGE RATE	%	9.00	14.00	0	7.58	2.00	2.00	2.00
MATURE FORCED OUTAGE RATE	%	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MW	145.00	205.00	500.00	330.00	175.00	175.00	175.00
MINIMUM CAPACITY	MW	50.00	65.00	200.00	165.00	173.00	173.00	173.00
MUST RUN INDICATOR	%	0	0	0	1	0	0	0
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0
PERCENT FIRM	RATIO	91.00	86.00	84.00	92.42	98.00	98.00	98.00
RENEWABLE ENERGY CREDIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	\$/MWH	0	0	0	1.97	0	0	0
VARIABLE O AND W COSTS	\$/MWH	3.25	3.25	3.25	1.97	11.86	11.86	11.86
----- YEAR 2012 -----								
FIXED COSTS	\$000/YR	1739.59	-2032.03	2827.00	19337.31	0.00	0.00	0.00
HEAT RATE PROFILE		100	101	69	70	0	0	0
PERCENT FIRM	%	87.00	86.00	83.00	92.42	98.00	98.00	98.00
----- YEAR 2013 -----								
FIXED COSTS	\$000/YR	2022.52	-804.10	15698.00	8278.27	0.00	0.00	0.00
PERCENT FIRM	%	83.00	79.00	80.00	92.42	98.00	98.00	98.00
----- YEAR 2014 -----								
FIXED COSTS	\$000/YR	1574.83	9389.14	0.00	9666.10	0.00	0.00	0.00
----- YEAR 2015 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	18646.52	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	67	68	69	70	71	72	73
	TANN 1-3	TANN 1-3	TANN 4	ZIMMER 1	ROBTHORNE 1	ROBTHORNE 2	ROBTHORNE 3
PERCENT FIRM	2	3	4				
YEAR 2015	0.00	0.00	80.00	92.42	98.00	98.00	98.00
FIXED COSTS	0.00	0.00	0.00	20673.88	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	27677.58	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	27623.17	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	26439.90	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	27045.17	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	92.42	98.00	98.00	98.00
PERCENT FIRM	0.00	0.00	0.00				
YEAR 2021	0.00	0.00	0.00	31986.48	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	32708.40	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	33694.63	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	36097.59	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	37151.57	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	39277.87	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	42571.22	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	42810.20	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	44705.30	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	47806.64	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	46388.62	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	45161.65	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	47642.45	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	46539.52	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	46292.60	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	48925.32	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	48310.54	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	47564.16	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	50889.60	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	268942.22	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00				
THERMAL UNIT	74	75	76	77	78	79	80
	0	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUXILIARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	74	75	76	77	78	79	80
FIXED COSTS	0	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6
YEAR 2023	0.00	1107.10	395.20	469.91	334.92	438.99	502.71
YEAR 2024	0.00	1212.63	469.09	539.39	368.79	486.15	572.83
YEAR 2025	0.00	1164.61	454.60	533.17	383.71	503.68	570.23
YEAR 2026	0.00	1230.84	524.59	607.22	449.65	576.25	645.02
YEAR 2027	0.00	1196.58	489.56	576.20	408.53	540.17	609.24
YEAR 2028	0.00	1230.81	525.26	612.16	444.68	579.50	653.35
YEAR 2029	0.00	1255.60	552.70	640.71	550.13	608.74	724.26
YEAR 2030	0.00	1344.22	631.78	729.39	496.22	678.26	695.31
YEAR 2031	0.00	1280.14	571.28	655.77	499.33	624.56	698.29
YEAR 2032	0.00	1219.16	512.95	601.44	576.46	568.71	642.72
YEAR 2033	0.00	1237.30	533.51	625.01	448.02	587.51	725.01
YEAR 2034	0.00	1230.57	531.60	629.16	463.80	639.49	675.58
YEAR 2035	0.00	553.96	545.29	685.51	425.52	566.71	643.46
YEAR 2036	0.00	476.63	545.14	649.48	432.96	610.63	687.45
YEAR 2037	0.00	447.96	493.19	588.45	416.70	555.03	636.87
YEAR 2038	0.00	449.93	496.33	593.63	414.56	560.49	685.49
YEAR 2039	0.00	440.84	488.66	589.53	405.95	555.83	639.16
YEAR 2040	0.00	3915.90	3959.60	4153.10	3902.01	3942.14	4031.82
THERMAL UNIT	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00				

REP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	81	82	83	84	85	86	87
FIXED COSTS	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1
YEAR 2031	480.50	513.33	545.45	574.10	601.90	647.81	0.00
YEAR 2032	434.61	471.24	498.70	528.69	561.15	618.34	0.00
YEAR 2033	437.08	477.84	515.85	551.36	584.31	639.92	0.00
YEAR 2034	446.69	487.98	526.59	599.88	612.33	651.77	0.00
YEAR 2035	515.84	522.11	603.51	563.73	599.84	659.86	0.00
YEAR 2036	455.92	500.45	541.93	580.87	617.65	681.72	0.00
YEAR 2037	488.01	525.61	564.88	597.22	631.12	681.73	0.00
YEAR 2038	439.62	481.87	519.17	558.82	592.25	650.08	0.00
YEAR 2039	490.31	531.92	571.12	608.06	642.70	697.25	0.00
YEAR 2040	2579.29	2613.71	2651.82	2689.87	2760.77	2791.09	0.00
THERMAL UNIT	IMBG WIN 2	IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRES2 1
YEAR 2011	88	89	90	91	92	93	94
ANCILLARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	153	153	153	109	109	162	162
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER	138	138	138	74	74	114	114
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	-640.78	-822.76	-547.28	210.70	0.00	0.00
FIXED SEASONAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0
HEAT RATE PROFILE	122	122	122	126	126	130	130
MAINTENANCE REDUCEMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
NATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	593.00	593.00	593.00	840.00	840.00	840.00	840.00
MINIMUM CAPACITY	140.00	140.00	140.00	140.00	140.00	273.00	273.00
MOST RUN INDICATOR	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	0	0	0	0	0	0	0
PERCENT FIRM	0.00	98.22	98.22	98.22	0.00	98.22	0.00
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	0	0
VARIABLE O AND W COSTS	3.69	3.82	3.69	3.65	3.65	2.60	2.60
YEAR 2012	0.00	-636.77	-866.83	-1437.84	-1723.85	0.00	0.00
YEAR 2013	0.00	-607.53	-782.12	-2284.44	-1776.47	0.00	0.00
YEAR 2014	0.00	-705.54	-864.76	-2314.78	-1734.33	0.00	0.00
YEAR 2015	0.00	-720.25	-928.24	3763.22	4115.30	0.00	0.00
YEAR 2016	0.00	-657.08	-859.24	1494.37	1595.75	0.00	0.00
YEAR 2017	0.00	-830.58	-1043.35	-1823.50	-1519.47	0.00	0.00
YEAR 2018	0.00	-659.11	-866.60	-1270.08	-425.54	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT

88	89	90	91	92	93	94
IMBG WIN 2	IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESD2 1

YEAR 2009	YEAR 2010	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033
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FIXED COSTS	\$000/YR	0.00	-2299.04	-2668.29	-2224.60	-1348.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
THERMAL UNIT		95	96	97	98	99	100	101	NUCLEAR 1															

YEAR 2011

ANCILLARY REVENUE RATE	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPACITY REVENUE PROFIT	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFIT	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGN CAPACITY FACTOR	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFIT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAT RATE PROFIT	WKS/YEAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAINTENANCE REQUIREMENT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAINTENANCE SEASONAL METHOD		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MUST RUN INDICATOR		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT FTRM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RENEWABLE VARIABLE COST PROFIT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THEMAL UNIT	102	103	104	105	106	107	108
	UPC_MCCS	PC_UL_SU	UPC_RCCS	IGC_MCCS	IGCC_GE	IGC_RCCS	CC_2X1FB
	1	1	1	1	1	1	1
----- YEAR 2013 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	3.71	6.15	4.16	4.09
----- YEAR 2014 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	3.78	6.15	4.16	4.17
----- YEAR 2015 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	3.86	6.15	4.16	4.25
----- YEAR 2016 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	3.95	6.15	4.16	4.35
----- YEAR 2017 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	4.03	6.15	4.16	4.45
----- YEAR 2018 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	4.12	6.15	4.16	4.55
----- YEAR 2019 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	4.21	6.15	4.16	4.64
----- YEAR 2020 -----							
AVERAGE HEAT RATE AT MAXIMUM		10.25	8.71	10.25	7.67	8.73	10.27
AVERAGE HEAT RATE AT MINIMUM		10.97	9.32	10.97	8.21	9.34	10.99
CAPACITY SEGMENT PROFILE		104	102	103	108	106	107
HEAT RATE PROFILE		104	102	103	108	106	107
MAXIMUM CAPACITY		531.00	624.00	531.00	784.00	541.00	672.00
MINIMUM CAPACITY		265.00	312.00	266.00	392.00	319.00	336.00
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	4.31	6.15	4.16	4.76
----- YEAR 2021 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	8.69	6.15	4.16	8.67
----- YEAR 2022 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	8.89	6.15	4.16	8.88
----- YEAR 2023 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	9.11	6.15	4.16	9.10
----- YEAR 2024 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	9.33	6.15	4.16	9.31
----- YEAR 2025 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	9.55	6.15	4.16	9.54
----- YEAR 2026 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	9.77	6.15	4.16	9.75
----- YEAR 2027 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	9.98	6.15	4.16	9.97
----- YEAR 2028 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	10.21	6.15	4.16	10.20
----- YEAR 2029 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	10.44	6.15	4.16	10.42
----- YEAR 2030 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	10.67	6.15	4.16	10.66
----- YEAR 2031 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	10.90	6.15	4.16	10.89
----- YEAR 2032 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	11.14	6.15	4.16	11.13
----- YEAR 2033 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	11.38	6.15	4.16	11.36
----- YEAR 2034 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	11.63	6.15	4.16	11.61
----- YEAR 2035 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	11.88	6.15	4.16	11.86
----- YEAR 2036 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	12.14	6.15	4.16	12.12
----- YEAR 2037 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	12.40	6.15	4.16	12.38
----- YEAR 2038 -----							
VARIABLE O AND M COSTS	\$/MWH	7.01	3.57	3.56	6.15	4.16	4.16
----- YEAR 2039 -----							
----- YEAR 2040 -----							
----- YEAR 2011 -----							
ANCILLARY REVENUE RATE	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS	FIXED COSTS
PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM	PERCENT FIRM
CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC	CR2_MGCC
MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC	MRS5_MGCC
MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD	MRS5_FGD
RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM	RPID_IM
RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM	RP2D_IM
TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD	TAN4_FGD
RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP	RPID_KP
130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151
2	5	5	1	2	4	1	2	4	1	2	4	1	2	4	1	2	4	1	2	4	1
0.00	0.00	48098.00	28107.00	0.00	0.00	10630.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
96.00	96.00	93.50	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23
3.49	3.49	9.49	11.06	0.82	3.25	8.96	0.82	3.25	8.96	0.82	3.25	8.96	0.82	3.25	8.96	0.82	3.25	8.96	0.82	3.25	8.96
0.00	0.00	49427.00	34154.00	31316.00	0.00	11145.00	0.00	0.00	0.00	0.00	14768.00	0.00	0.00	0.00	0.00	14917.00	0.00	0.00	0.00	0.00	0.00
96.00	96.00	93.00	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23	92.76	80.46	93.23
3.49	3.49	9.68	11.27	0.84	3.25	9.12	0.84	3.25	9.12	0.84	3.25	9.12	0.84	3.25	9.12	0.84	3.25	9.12	0.84	3.25	9.12
0.00	0.00	50237.00	38905.00	40228.00	0.00	11095.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	9.86	11.48	0.86	3.25	9.30	0.86	3.25	9.30	0.86	3.25	9.30	0.86	3.25	9.30	0.86	3.25	9.30	0.86	3.25	9.30
0.00	0.00	51000.00	43490.00	42074.00	0.00	12231.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	10.06	11.70	0.88	3.25	9.47	0.88	3.25	9.47	0.88	3.25	9.47	0.88	3.25	9.47	0.88	3.25	9.47	0.88	3.25	9.47
0.00	0.00	51794.00	48339.00	45183.00	0.00	14443.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	10.25	11.91	0.90	3.25	9.65	0.90	3.25	9.65	0.90	3.25	9.65	0.90	3.25	9.65	0.90	3.25	9.65	0.90	3.25	9.65
0.00	0.00	52614.00	46003.00	50809.00	0.00	13953.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	10.45	12.14	0.92	3.25	9.83	0.92	3.25	9.83	0.92	3.25	9.83	0.92	3.25	9.83	0.92	3.25	9.83	0.92	3.25	9.83
0.00	0.00	53437.00	50472.00	49952.00	0.00	1425.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	10.65	12.36	0.94	3.25	10.02	0.94	3.25	10.02	0.94	3.25	10.02	0.94	3.25	10.02	0.94	3.25	10.02	0.94	3.25	10.02
0.00	0.00	54281.00	52630.00	54606.00	0.00	13686.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	10.85	12.59	0.96	3.25	10.21	0.96	3.25	10.21	0.96	3.25	10.21	0.96	3.25	10.21	0.96	3.25	10.21	0.96	3.25	10.21
0.00	0.00	55142.00	56762.00	50654.00	0.00	14768.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	11.06	12.82	0.99	3.25	10.40	0.99	3.25	10.40	0.99	3.25	10.40	0.99	3.25	10.40	0.99	3.25	10.40	0.99	3.25	10.40
0.00	0.00	56018.00	58407.00	55179.00	0.00	14275.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	11.27	13.06	1.01	3.25	10.59	1.01	3.25	10.59	1.01	3.25	10.59	1.01	3.25	10.59	1.01	3.25	10.59	1.01	3.25	10.59
0.00	0.00	56911.00	66956.00	52462.00	0.00	16129.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	11.48	13.30	1.03	3.25	10.79	1.03	3.25	10.79	1.03	3.25	10.79	1.03	3.25	10.79	1.03	3.25	10.79	1.03	3.25	10.79
0.00	0.00	57822.00	66040.00	55614.00	0.00	15979.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	11.70	13.55	1.05	3.25	10.99	1.05	3.25	10.99	1.05	3.25	10.99	1.05	3.25	10.99	1.05	3.25	10.99	1.05	3.25	10.99
0.00	0.00	58750.00	67988.00	61335.00	0.00	15230.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	11.92	13.80	1.08	3.25	11.19	1.08	3.25	11.19	1.08	3.25	11.19	1.08	3.25	11.19	1.08	3.25	11.19	1.08	3.25	11.19
0.00	0.00	59697.00	72699.00	58273.00	0.00	14904.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	12.14	14.05	1.10	3.25	11.40	1.10	3.25	11.40	1.10	3.25	11.40	1.10	3.25	11.40	1.10	3.25	11.40	1.10	3.25	11.40
0.00	0.00	60662.00	74830.00	58936.00	0.00	15796.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	12.37	14.31	1.12	3.25	11.61	1.12	3.25	11.61	1.12	3.25	11.61	1.12	3.25	11.61	1.12	3.25	11.61	1.12	3.25	11.61
0.00	0.00	61645.00	79589.00	58995.00	0.00	14917.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	12.61	14.57	1.15	3.25	11.83	1.15	3.25	11.83	1.15	3.25	11.83	1.15	3.25	11.83	1.15	3.25	11.83	1.15	3.25	11.83
0.00	0.00	62647.00	87242.00	61127.00	0.00	14995.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	12.85	14.84	1.17	3.25	12.05	1.17	3.25	12.05	1.17	3.25	12.05	1.17	3.25	12.05	1.17	3.25	12.05	1.17	3.25	12.05
0.00	0.00	39025.00	72766.00	65968.00	0.00	12322.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00	0.00	0.00	14904.00	0.00	0.00	0.00	0.00	0.00
3.49	3.49	13.09	15.12	1.20	3.25	12.27	1.20	3.25	12.27	1.20	3.25	12.27	1.20	3.25	12.27	1.20	3.25	12.27	1.20	3.25	12.27
0.00	0.00	36875.00	70165.00	62501.00	0.00	10734.00	0.00	0.00	0.00	0.00	14275.00	0.00	0.00								

----- YEAR 2011 -----									
ANCILLARY REVENUE RATE									
AVG HEAT RATE MAXIMUM SEASONAL P	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MINIMUM SEASONAL P		0	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		0	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEPARTION LIBRARY POINER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE		0	0	0	0	0	0	0	0
MAINTENANCE REQUIREMENT	WKS/YEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL POINT		1	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINER		0	0	0	0	0	0	0	0
NATURE OUTAGE RATE SEASONAL PROF		0	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MW	193.00	500.00	368.30	736.67	1125.00	1087.00	1070.00	0
MINIMUM CAPACITY	MW	193.00	300.00	368.30	382.00	600.00	815.00	815.00	0
MOST RUN INDICATOR		0	1	1	1	1	1	1	1
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0	0
PERCENT FIRM	%	93.69	83.56	95.24	95.24	94.78	93.26	93.69	0
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
SEASONAL VARIABLE COST PROFILE	\$/MWH	0.69	3.25	6.64	6.64	6.64	6.19	5.89	0
VARIABLE O AND M COSTS									
----- YEAR 2012 -----									
FIXED COSTS	\$000/YR	0.00	0.00	43716.21	12196.69	29605.59	0.00	0.00	0.00
PERCENT FIRM	%	93.23	82.95	95.42	95.42	94.97	93.08	93.23	5.89
VARIABLE O AND M COSTS	\$/MWH	0.70	3.25	6.64	6.64	6.64	6.19	5.89	
----- YEAR 2013 -----									
FIXED COSTS	\$000/YR	0.00	0.00	53622.27	21432.37	35115.84	0.00	0.00	0.00
PERCENT FIRM	%	92.76	80.46	95.45	95.45	95.01	93.23	92.76	5.89
VARIABLE O AND M COSTS	\$/MWH	0.72	3.25	6.64	6.64	6.64	6.19	5.89	
----- YEAR 2014 -----									
FIXED COSTS	\$000/YR	0.00	0.00	46278.29	19567.19	53294.17	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MWH	0.73	3.25	6.64	6.64	6.64	6.19	5.89	
----- YEAR 2015 -----									
FIXED COSTS	\$000/YR	0.00	0.00	57362.63	26103.08	45879.80	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MWH	0.75	3.25	6.64	6.64	6.64	6.19	5.89	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THEMAL UNIT	137	144	145	146	147	148	149
YEAR 2016	RP2D_KP 2	TC4_ESP 4	A390% AP 3	A390%OP 3	MTN_90% 1	RPY1_90% 1	RPY2_90% 2
FIXED COSTS	0.00	0.00	67579.17	33387.89	86618.34	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH 0.76	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2017	59	69	3	3	98	59	59
DERATION LIBRARY POINTER	0.00	0.00	68323.79	40702.05	73117.19	0.00	0.00
FIXED COSTS	\$/MMH 0.78	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	0.00	0.00	57186.02	38264.98	87219.08	0.00	0.00
FIXED COSTS	\$/MMH 0.80	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	0.00	0.00	68800.85	41682.87	80550.57	0.00	0.00
YEAR 2019	0.00	3.25	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 0.82	0.00	64944.07	37986.84	86465.66	0.00	0.00
VARIABLE O AND M COSTS	0.84	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2020	5138.00	0.00	68606.87	43775.85	91550.24	0.00	0.00
FIXED COSTS	\$/MMH 0.84	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	0.86	0.00	72604.18	45880.61	63191.60	0.00	0.00
YEAR 2021	5996.00	0.00	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 0.88	3.25	73819.76	47328.14	63474.61	0.00	0.00
VARIABLE O AND M COSTS	0.90	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2023	6419.00	0.00	76601.47	49873.90	71955.60	0.00	0.00
FIXED COSTS	\$/MMH 0.90	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	0.92	0.00	88626.22	11659.01	69202.64	0.00	0.00
YEAR 2025	7045.00	0.00	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 0.94	3.25	91235.02	12781.52	91234.39	0.00	0.00
VARIABLE O AND M COSTS	0.96	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2026	7839.00	0.00	94153.86	20250.06	73539.90	0.00	0.00
FIXED COSTS	\$/MMH 0.96	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	0.99	0.00	97079.59	21291.62	81342.54	0.00	0.00
YEAR 2028	8661.00	0.00	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 1.01	3.25	100016.08	22774.73	79760.94	0.00	0.00
VARIABLE O AND M COSTS	1.03	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2029	8659.00	0.00	103194.00	14658.88	80023.92	0.00	0.00
FIXED COSTS	\$/MMH 1.03	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	1.05	0.00	104880.97	21706.55	76195.13	0.00	0.00
YEAR 2030	9221.00	0.00	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 1.10	3.25	104972.18	17021.04	67427.20	0.00	0.00
VARIABLE O AND M COSTS	1.12	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2033	9629.00	0.00	15062.34	68825.85	0.00	0.00	0.00
FIXED COSTS	\$/MMH 1.15	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	1.17	0.00	107510.37	5479.40	61143.53	0.00	0.00
YEAR 2035	10050.00	0.00	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 1.17	3.25	107532.63	272.00	83592.85	0.00	0.00
VARIABLE O AND M COSTS	1.20	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2036	10918.00	0.00	110065.30	8997.21	59044.96	0.00	0.00
FIXED COSTS	\$/MMH 1.20	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	1.22	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2037	10512.00	0.00	112670.43	1271.45	65166.14	0.00	0.00
FIXED COSTS	\$/MMH 1.22	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	1.25	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2038	10992.00	0.00	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 1.25	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	1.25	3.25	6.64	6.64	6.64	6.19	5.89
YEAR 2039	10992.00	0.00	6.64	6.64	6.64	6.19	5.89
FIXED COSTS	\$/MMH 1.25	3.25	6.64	6.64	6.64	6.19	5.89
VARIABLE O AND M COSTS	1.25	3.25	6.64	6.64	6.64	6.19	5.89

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	150	151	153	154	155	156	157
FIXED COSTS	34782.15	0.00	53294.17	0.00	0.00	0.00	0.00
----- YEAR 2014 -----							
FIXED COSTS	30441.83	0.00	45879.80	0.00	0.00	0.00	0.00
----- YEAR 2015 -----							
FIXED COSTS	54365.89	0.00	86618.34	0.00	0.00	0.00	0.00
----- YEAR 2016 -----							
FIXED COSTS	45707.44	0.00	73117.19	0.00	0.00	0.00	0.00
----- YEAR 2017 -----							
FIXED COSTS	54842.56	0.00	87219.08	0.00	0.00	0.00	0.00
----- YEAR 2018 -----							
FIXED COSTS	49729.78	0.00	80550.57	0.00	0.00	0.00	0.00
----- YEAR 2019 -----							
FIXED COSTS	57120.38	0.00	86465.66	0.00	0.00	0.00	0.00
----- YEAR 2020 -----							
FIXED COSTS	59254.23	0.00	91550.24	0.00	0.00	0.00	0.00
----- YEAR 2021 -----							
FIXED COSTS	62912.33	0.00	63191.60	0.00	0.00	0.00	0.00
----- YEAR 2022 -----							
FIXED COSTS	1975.62	0.00	63474.61	0.00	0.00	0.00	0.00
----- YEAR 2023 -----							
FIXED COSTS	10272.09	0.00	71955.60	0.00	0.00	0.00	0.00
----- YEAR 2024 -----							
FIXED COSTS	5499.72	0.00	69202.64	0.00	0.00	0.00	0.00
----- YEAR 2025 -----							
FIXED COSTS	13096.68	0.00	91234.39	0.00	0.00	0.00	0.00
----- YEAR 2026 -----							
FIXED COSTS	9780.18	0.00	73539.90	0.00	0.00	0.00	0.00
----- YEAR 2027 -----							
FIXED COSTS	19118.17	0.00	81342.54	0.00	0.00	0.00	0.00
----- YEAR 2028 -----							
FIXED COSTS	13957.95	0.00	79760.94	0.00	0.00	0.00	0.00
----- YEAR 2029 -----							
FIXED COSTS	22009.21	0.00	88078.74	0.00	0.00	0.00	0.00
----- YEAR 2030 -----							
FIXED COSTS	16807.61	0.00	80023.92	0.00	0.00	0.00	0.00
----- YEAR 2031 -----							
FIXED COSTS	23394.33	0.00	76195.13	0.00	0.00	0.00	0.00
----- YEAR 2032 -----							
FIXED COSTS	17259.00	0.00	67427.20	0.00	0.00	0.00	0.00
----- YEAR 2033 -----							
FIXED COSTS	21098.00	0.00	66825.85	0.00	0.00	0.00	0.00
----- YEAR 2034 -----							
FIXED COSTS	7295.00	0.00	61143.53	0.00	0.00	0.00	0.00
----- YEAR 2035 -----							
FIXED COSTS	5614.73	0.00	83592.85	0.00	0.00	0.00	0.00
----- YEAR 2036 -----							
FIXED COSTS	-649.82	0.00	59044.96	0.00	0.00	0.00	0.00
----- YEAR 2037 -----							
FIXED COSTS	6609.94	0.00	65166.14	0.00	0.00	0.00	0.00
----- YEAR 2038 -----							
FIXED COSTS	-2273.19	0.00	61218.57	0.00	0.00	0.00	0.00
----- YEAR 2039 -----							
FIXED COSTS	429776.09	0.00	511774.31	0.00	0.00	0.00	0.00
----- YEAR 2040 -----							
THERMAL UNIT	158	159	160	161	162	163	164
----- YEAR 2011 -----							
ANCIILLARY REVENUE RATE	CC_IDM 1	CC_ARCO 1	CC_ARCO 1	CT_KRCC 1	CC_ARCO 1	BSS2 FGD 1	BSS2 FGD 5
Avg Heat Rate Maximum Seasonal P	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Avg Heat Rate Minimum Seasonal P	0	0	0	0	0	0	0
Bid Price At Incremental	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bid Price At Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bid Price Capacity Factor	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VARIABLE 0 AND M COSTS		\$/MWH	3.49	9.03	3.49	9.03	3.64	4.88	10.19
----- YEAR 2039 -----									
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	96331.00	93474.00
VARIABLE 0 AND M COSTS		\$/MWH	3.49	9.03	3.49	9.03	3.64	4.98	10.38
----- YEAR 2040 -----									
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	558652.00	551744.00
VARIABLE 0 AND M COSTS		\$/MWH	3.49	9.03	3.49	9.03	3.64	5.07	10.58
THERMAL UNIT									
----- YEAR 2011 -----									
ANCILLARY REVENUE RATES		\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P		\$/MWH	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P		\$/MWH	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL		\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM		\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR		%	0.09	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		\$/MWH	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT		\$/MWH	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE		\$/KW	0	0	0	0	0	0	0
CAPACITY REVENUE RATE		\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFITABLE		\$000	178	179	106	102	0.00	106	102
CAPITAL COSTS		\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER			6	6	123	118	124	123	118
DISPATCH PENALTY AT MAXIMUM		FRACTION	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM		FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGIN CAPACITY FACTOR		\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE		\$000/YR	31434.00	0.00	69.51	32.36	69.05	69.51	32.36
FIXED COSTS		\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE		\$/KW/SEA	0	0	0	0	0	0	0
HEAT RATE PROFILE		WKS/YEAR	6	6	106	102	0	106	102
MAINTENANCE REQUIREMENT			0	0	0	0	0	0	0
MAINTENANCE SEASONAL METHOD			1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER			0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF			0	0	0	0	0	0	0
MAXIMUM CAPACITY		MW	790.00	788.00	637.00	624.00	800.00	637.00	624.00
MINIMUM CAPACITY		MW	500.00	500.00	319.00	312.00	800.00	319.00	312.00
MOST RUN INDICATOR			0	0	1	1	0	1	1
PARTIAL OUTAGE RATE		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PROF		%	0	0	0	0	0	0	0
PERCENT FIRM		RATIO	92.50	92.50	92.50	94.60	99.00	92.50	94.60
RENEWABLE ENERGY CREDIT			0	0	0	0	0	0	0
SEASONAL VARIABLE COST PROFILE		\$/MWH	4.22	7.94	4.16	3.57	5.73	4.16	3.57
----- YEAR 2012 -----									
FIXED COSTS		\$000/YR	21680.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	94.00	94.00	92.50	94.60	99.00	92.50	94.60
VARIABLE 0 AND M COSTS		\$/MWH	4.30	8.10	4.16	3.57	5.73	4.16	3.57
----- YEAR 2013 -----									
FIXED COSTS		\$000/YR	32175.00	0.00	0.00	0.00	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THEMAL UNIT	165	166	168	169	170	171	172
	BS2 FGD 22	BS2 FGD 23	IGCC AP 1	PC_UI_AP 1	NUKE_AP 1	IGCC IM 1	PC_UI_IM 1
----- YEAR 2013 -----							
PERCENT FIRM	93.00	93.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 4.40	\$/MWH 8.30	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 30536.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 4.64	\$/MWH 8.77	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 41981.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2016 -----							
PERCENT FIRM	93.50	93.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 4.77	\$/MWH 9.02	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 53805.00	\$000/YR 83680.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 4.86	\$/MWH 9.20	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 58961.00	\$000/YR 87349.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2019 -----							
PERCENT FIRM	94.00	94.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 4.95	\$/MWH 9.36	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 70130.00	\$000/YR 95837.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	93.50	93.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.04	\$/MWH 9.52	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 62780.00	\$000/YR 88356.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2021 -----							
PERCENT FIRM	93.00	93.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.14	\$/MWH 9.68	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 60277.00	\$000/YR 85769.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.24	\$/MWH 9.86	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 62819.00	\$000/YR 88298.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2022 -----							
PERCENT FIRM	93.50	93.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.35	\$/MWH 10.05	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 65090.00	\$000/YR 90547.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.46	\$/MWH 10.25	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 67458.00	\$000/YR 92902.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2024 -----							
PERCENT FIRM	93.00	93.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.57	\$/MWH 10.44	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 69574.00	\$000/YR 94968.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.68	\$/MWH 10.64	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 71762.00	\$000/YR 97121.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2026 -----							
PERCENT FIRM	93.00	93.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.79	\$/MWH 10.84	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 74060.00	\$000/YR 99394.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 5.90	\$/MWH 11.05	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 76599.00	\$000/YR 101905.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2028 -----							
PERCENT FIRM	93.00	93.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 6.02	\$/MWH 11.26	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 78993.00	\$000/YR 104269.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 6.14	\$/MWH 11.87	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 81300.00	\$000/YR 106543.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2030 -----							
PERCENT FIRM	93.00	93.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 6.26	\$/MWH 11.68	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 83943.00	\$000/YR 109158.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
PERCENT FIRM	94.50	94.50	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 6.38	\$/MWH 11.90	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 83638.00	\$000/YR 63453.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00
----- YEAR 2032 -----							
PERCENT FIRM	93.00	93.00	92.50	94.60	99.00	92.50	94.60
VARIABLE O AND M COSTS	\$/MWH 6.50	\$/MWH 12.12	\$/MWH 4.16	\$/MWH 3.57	\$/MWH 5.73	\$/MWH 4.16	\$/MWH 3.57
FIXED COSTS	\$000/YR 85185.00	\$000/YR 62774.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00	\$000/YR 0.00

YEAR 2033		YEAR 2034		YEAR 2035		YEAR 2036		YEAR 2037		YEAR 2038		YEAR 2039		YEAR 2040		THERMAL UNIT	
FIXED COSTS	\$000/YR	85367.00	60763.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
VARIABLE O AND M COSTS	\$/MWH	6.63	12.35	4.16	4.16	3.57	5.73	4.16	4.16	3.57	5.73	4.16	4.16	3.57	4.16	3.57	NUKE OH 1
FIXED COSTS	\$000/YR	84716.00	62828.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
VARIABLE O AND M COSTS	\$/MWH	6.76	12.58	4.16	4.16	3.57	5.73	4.16	4.16	3.57	5.73	4.16	4.16	3.57	4.16	3.57	NUKE OH 1
FIXED COSTS	\$000/YR	81882.00	64361.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
VARIABLE O AND M COSTS	\$/MWH	6.89	12.82	4.16	4.16	3.57	5.73	4.16	4.16	3.57	5.73	4.16	4.16	3.57	4.16	3.57	NUKE OH 1
FIXED COSTS	\$000/YR	82229.00	65064.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
VARIABLE O AND M COSTS	\$/MWH	7.02	13.06	4.16	4.16	3.57	5.73	4.16	4.16	3.57	5.73	4.16	4.16	3.57	4.16	3.57	NUKE OH 1
FIXED COSTS	\$000/YR	82207.00	66253.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
VARIABLE O AND M COSTS	\$/MWH	7.30	13.56	4.16	4.16	3.57	5.73	4.16	4.16	3.57	5.73	4.16	4.16	3.57	4.16	3.57	NUKE OH 1
FIXED COSTS	\$000/YR	84777.00	67585.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
VARIABLE O AND M COSTS	\$/MWH	7.44	13.81	4.16	4.16	3.57	5.73	4.16	4.16	3.57	5.73	4.16	4.16	3.57	4.16	3.57	NUKE OH 1
FIXED COSTS	\$000/YR	475821.00	245488.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
VARIABLE O AND M COSTS	\$/MWH	7.58	14.07	4.16	4.16	3.57	5.73	4.16	4.16	3.57	5.73	4.16	4.16	3.57	4.16	3.57	NUKE OH 1
ANCILLARY REVENUE RATE	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
AVG HEAT RATE MAXIMUM SEASONAL P	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
AVG HEAT RATE MINIMUM SEASONAL P	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
BID PRICE AT INCREMENTAL	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
BID PRICE AT MINIMUM	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
BID PRICE INCREMENTAL SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NUKE OH 1
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NUKE OH 1
CAPACITY REVENUE PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
CAPACITY SEGMENT PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
CAPITAL COSTS	\$000	0	106	102	106	0	106	102	106	0	106	102	106	102	106	0	NUKE OH 1
DEPRATION LIBRARY POINTNER		124	123	118	124	124	123	118	124	124	123	118	124	124	123	118	NUKE OH 1
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NUKE OH 1
DISPATCH PENALTY AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
ENERG HANGLN CAPACITY FACTOR	\$/KW/YR	69.05	69.51	32.36	69.05	69.05	69.51	32.36	69.05	69.05	69.51	32.36	69.05	69.05	69.51	32.36	NUKE OH 1
FIXED ANNUAL CAPACITY RATE	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
FIXED COSTS	\$/KW/SEAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NUKE OH 1
FIXED SEASONAL CAPACITY RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NUKE OH 1
FIXED SEASONAL RATE PROFILE		0	106	102	0	0	0	0	0	0	0	0	0	0	0	0	NUKE OH 1
HEAT RATE PROFILE		0	106	102	0	0	0	0	0	0	0	0	0	0	0	0	NUKE OH 1

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MAINTENANCE SEASONAL POINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MATURE OUTAGE RATE SEASONAL PROP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAXIMUM CAPACITY	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	
MINIMUM CAPACITY	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00
MUST RUN INDICATOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT FIRM	99.00	92.50	94.60	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	5.73	4.16	3.57	

UNIT	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
NUKE_IM	173	174	175	176	177	178	179																							
IGCC_KP	1	1	1	1	1	1	1																							
PC_UL_KP	1	1	1	1	1	1	1																							
NUKE_KP	1	1	1	1	1	1	1																							
IGCC_OH	1	1	1	1	1	1	1																							
PC_UL_OH	1	1	1	1	1	1	1																							
NUKE_OH	1	1	1	1	1	1	1																							

THERMAL UNIT

UNIT	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
RPID_03	181	182	183	184	186	187	188																							
RPID_04	1	1	1	1	1	1	1																							
RPID_08	1	1	1	1	1	1	1																							
RPID_20	1	1	1	1	1	1	1																							
RP1TR_1M	1	1	1	1	1	1	1																							
RP2TR_2	1	1	1	1	1	1	1																							
RP1TR_KP	1	1	1	1	1	1	1																							

UNIT	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
AVG HEAT RATE MAXIMUM SEASONAL P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY REVENUE RATE	180	181	182	183	58	59	0																							
CAPACITY SEGMENT PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00																							
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00																							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THEMAL UNIT	181	182	183	184	186	187	188
	RPID_03 1	RPID_04 1	RPID_08 1	RPID_20 1	RP1TR_1M 1	RP2TR_1M 2	RP1TR_KP 1
----- YEAR 2020 -----							
FIXED COSTS	\$000/YR	53813.00	54944.00	55804.00	0.00	0.00	0.00
PERCENT FTRM	%	93.23	93.23	93.23	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	9.12	10.69	11.47	3.84	0.69	0.99
----- YEAR 2021 -----							
FIXED COSTS	\$000/YR	68117.00	53583.00	54717.00	53660.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	9.30	10.89	11.68	3.92	0.69	0.99
----- YEAR 2022 -----							
FIXED COSTS	\$000/YR	74913.00	60180.00	61317.00	62269.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	9.47	11.10	11.90	4.00	0.69	0.99
----- YEAR 2023 -----							
FIXED COSTS	\$000/YR	88293.00	73090.00	74231.00	75192.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	9.65	11.30	12.13	4.08	0.69	0.99
----- YEAR 2024 -----							
FIXED COSTS	\$000/YR	85988.00	70525.00	71669.00	72640.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	9.83	11.52	12.35	4.16	0.69	0.99
----- YEAR 2025 -----							
FIXED COSTS	\$000/YR	89696.00	73973.00	75120.00	76102.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	10.02	11.73	12.58	4.24	0.69	0.99
----- YEAR 2026 -----							
FIXED COSTS	\$000/YR	83347.00	69273.00	70424.00	71415.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	10.21	11.95	12.82	4.33	0.69	0.99
----- YEAR 2027 -----							
FIXED COSTS	\$000/YR	89477.00	75563.00	76717.00	77719.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	10.40	12.17	13.05	4.41	0.69	0.99
----- YEAR 2028 -----							
FIXED COSTS	\$000/YR	86148.00	72824.00	73981.00	74993.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	10.59	12.40	13.30	4.50	0.69	0.99
----- YEAR 2029 -----							
FIXED COSTS	\$000/YR	95793.00	83582.00	84743.00	85765.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	10.79	12.63	13.54	4.59	0.69	0.99
----- YEAR 2030 -----							
FIXED COSTS	\$000/YR	87566.00	82895.00	84060.00	85093.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	10.99	12.86	13.79	4.67	0.69	0.99
----- YEAR 2031 -----							
FIXED COSTS	\$000/YR	70757.00	80164.00	81333.00	82376.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	11.19	13.10	14.05	4.77	0.69	0.99
----- YEAR 2032 -----							
FIXED COSTS	\$000/YR	63106.00	78629.00	79802.00	80856.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	11.40	13.34	14.31	4.86	0.69	0.99
----- YEAR 2033 -----							
FIXED COSTS	\$000/YR	67693.00	84243.00	85419.00	86484.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	11.61	13.59	14.57	4.95	0.69	0.99
----- YEAR 2034 -----							
FIXED COSTS	\$000/YR	62989.00	80488.00	81668.00	82745.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	11.83	13.84	14.84	5.05	0.69	0.99
----- YEAR 2035 -----							
FIXED COSTS	\$000/YR	68040.00	87574.00	88758.00	89846.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	12.05	14.10	15.11	5.15	0.69	0.99
----- YEAR 2036 -----							
FIXED COSTS	\$000/YR	64257.00	72194.00	72756.00	73587.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	12.27	14.36	15.39	5.25	0.69	0.99
----- YEAR 2037 -----							
FIXED COSTS	\$000/YR	57962.00	63097.00	63387.00	64229.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	12.50	14.62	15.68	5.35	0.69	0.99
----- YEAR 2038 -----							
FIXED COSTS	\$000/YR	55995.00	66123.00	66418.00	67272.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	12.74	14.89	15.97	5.45	0.69	0.99
----- YEAR 2039 -----							
FIXED COSTS	\$000/YR	48940.00	61507.00	61805.00	62672.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	12.97	15.17	16.26	5.56	0.69	0.99
----- YEAR 2040 -----							
FIXED COSTS	\$000/YR	77846.00	181066.00	181368.00	182247.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MMH	13.21	15.45	16.56	5.66	0.69	0.99
----- YEAR 2011 -----							
FIXED COSTS	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00
ANCILLARY REVENUE RATE							

AVG HEAT RATE	MAXIMUM SEASONAL P	0	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	MINIMUM SEASONAL P	0	0	0	0	0	0	0	0
BID PRICE AT MINIMUM		0	0	0	0	0	0	0	0
BID PRICE CAPACITY FACTOR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE		0	0	0	0	0	0	0	0
CAPACITY REVENUE RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS		0	0	0	0	0	0	0	0
DISPATCH PENALTY AT MAXIMUM		59	69	69	69	69	69	69	69
DISPATCH PENALTY AT MINIMUM		0	0	0	0	0	0	0	0
ENERGY MARGIN CAPACITY FACTOR		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FIXED ANNUAL CAPACITY RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE		0	69	69	69	69	69	69	69
MAINTENANCE REQUIREMENT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL POINT		1	1	1	1	1	1	1	1
MATURE OUTAGE RATE SEASONAL PROF		0	0	0	0	0	0	0	0
MAXIMUM CAPACITY		195.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
MINIMUM CAPACITY		195.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
MOST RUN INDICATOR		0	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO		0	0	0	0	0	0	0	0
PERCENT FIRM		93.69	83.56	83.56	83.56	83.56	83.56	83.56	83.56
RENEWABLE ENERGY CREDIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE		0	0	0	0	0	0	0	0
VARIABLE O AND M COSTS		0.69	3.25	3.25	3.25	3.25	3.25	3.25	3.25
----- YEAR 2012 -----									
PERCENT FIRM		93.23	82.95	82.95	82.95	82.95	82.95	82.95	82.95
----- YEAR 2013 -----									
PERCENT FIRM		92.76	80.46	80.46	80.46	80.46	80.46	80.46	80.46
----- YEAR 2014 -----									
FIXED COSTS		3243.00	6735.00	6735.00	6735.00	6735.00	6735.00	6735.00	6735.00
PERCENT FIRM		92.76	80.46	80.46	80.46	80.46	80.46	80.46	80.46
----- YEAR 2015 -----									
FIXED COSTS		2153.00	9432.00	9432.00	9432.00	9432.00	9432.00	9432.00	9432.00
PERCENT FIRM		92.76	80.46	80.46	80.46	80.46	80.46	80.46	80.46
----- YEAR 2016 -----									
FIXED COSTS		3509.00	5311.00	5311.00	5311.00	5311.00	5311.00	5311.00	5311.00
PERCENT FIRM		92.76	80.46	80.46	80.46	80.46	80.46	80.46	80.46
----- YEAR 2017 -----									
FIXED COSTS		3326.00	102928.00	47485.00	47485.00	47485.00	47485.00	47485.00	47485.00

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

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	189	190	191	223	224	228	229
	REP2R_KP 2	T4_PMONA 4	T4_TRCCR 4	MR_STKR1 1	MR_STKR2 1	AMS3_SI 3	BS2_SI 2
----- YEAR 2017 -----							
PERCENT FIRM	92.76	80.46	80.46	70.00	70.00	96.90	95.28
FIXED COSTS	\$000/YR 3836.00	0.00	39243.00	0.00	0.00	0.00	0.00
PERCENT FIRM	92.76	80.46	80.46	70.00	70.00	96.90	94.96
----- YEAR 2019 -----							
FIXED COSTS	\$000/YR 4426.00	0.00	54619.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	80.46	45327.00	0.00	0.00	0.00	0.00
----- YEAR 2020 -----							
FIXED COSTS	\$000/YR 0.00	0.00	80.46	0.00	0.00	96.90	94.96
PERCENT FIRM	0.00	80.46	80.46	70.00	70.00	96.90	94.96
----- YEAR 2021 -----							
FIXED COSTS	\$000/YR 0.00	0.00	45753.00	0.00	0.00	0.00	0.00
----- YEAR 2022 -----							
FIXED COSTS	\$000/YR 0.00	0.00	46641.00	0.00	0.00	0.00	0.00
----- YEAR 2023 -----							
FIXED COSTS	\$000/YR 0.00	0.00	47631.00	0.00	0.00	0.00	0.00
----- YEAR 2024 -----							
FIXED COSTS	\$000/YR 0.00	0.00	316299.00	0.00	0.00	0.00	0.00
----- YEAR 2025 -----							
FIXED COSTS	\$000/YR 0.00	0.00	0.00	0.00	0.00	0.00	0.00
MATURE FORCED OUTAGE RATE	100.00	100.00	100.00	30.00	30.00	3.10	5.04
PERCENT FIRM	0.00	0.00	0.00	70.00	70.00	96.90	94.96
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							
THERMAL UNIT	230	231	232	233	234	235	251
	MRS_CF 5	MRS_SI 5	RPT1_CF 1	RPT2_CF 2	RPT1_SI 1	RPT2_SI 2	DCL_HPT 1
----- YEAR 2011 -----							
ANCILLARY REVENUE RATE	\$/MMH 0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MMH 0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MMH 0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	% 0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	% 0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	\$/KW 0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY REVENUE RATE	\$/KW 0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	\$/KW 50	65	58	59	140	144	141
CAPITAL COSTS	\$000 0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER	50	50	58	59	58	59	300
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR 0.00	8.04	0.18	0.18	8.12	8.12	0.00
FIXED COSTS	\$000/YR 0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA 0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	110	109	97	98	171	172	0
HEAT RATE PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE REQUIREMENT	1	1	1	1	1	1	1
MAINTENANCE SEASONAL METHOD							

MAINTENANCE SEASONAL POINTER									
WATRE OUTAGE RATE SEASONAL PROF									
MAXIMUM CAPACITY	MM								
MINIMUM CAPACITY	MM								
MOST RUN INDICATOR									
PARTIAL OUTAGE RATE SEASONAL PRO	%								
PERCENT FIRM	%								
RENEWABLE ENERGY CREDIT	RATIO								
SEASONAL VARIABLE COST PROFILE	\$/MWH								
VARIABLE O AND M COSTS									
YEAR 2012									
CAPACITY SEGMENT PROFILE	50	65	58	59	140	144	142		
WATRE FORCED OUTAGE RATE	9.64	9.64	4.67	4.58	4.67	4.58	5.00		
PERCENT FIRM	90.36	90.36	95.33	95.42	95.33	95.42	95.00		
YEAR 2013									
WATRE FORCED OUTAGE RATE	8.19	8.19	3.29	3.52	3.29	3.52	5.00		
PERCENT FIRM	91.81	91.81	96.71	96.48	96.71	96.48	95.00		
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
DEPARTION LIBRARY POINTER	50	50	59	59	59	59	300		
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									

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

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

----- THERMAL UNIT

----- YEAR 2011 -----	DC2_3800	BIGSD_15	BIGSD_GP	CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15
ANCILLARY REVENUE RATE	260	269	270	271	272	273	274
	2	1	1	1	1	2	2
AVG HEAT RATE MAXIMUM SEASONAL P	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	159	79	79	16	16	17	17
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEPARTION LIBRARY POINTER	295	5	5	75	75	75	75
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	0.00	18517.00	16809.00	11965.00	11965.00	19342.00	19342.00
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0
HEAT RATE PROFILE	0	143	143	16	16	17	17
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
NATURE FORCED OUTAGE RATE	5.00	4.31	4.31	7.61	7.61	7.68	7.68

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 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF_INPUT_THERMAL UNIT-

-----	YEAR 2011	-----	260	269	270	271	272	273	274
-----	-----	-----	DC2_3800	BIGSD_15	BIGSD_GP	CLN_Q_15	CLN_Q_15	CLN_Q_HM	CLN_Q_15
-----	-----	-----	2	1	1	1	1	2	2
MATURE OUTAGE RATE	SEASONAL PROF	MM	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MM	1342.00	270.00	270.00	235.00	235.00	235.00	235.00	235.00
MINIMUM CAPACITY	MM	1342.00	100.00	100.00	60.00	60.00	60.00	60.00	60.00
MUST RUN INDICATOR	%	0	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE	SEASONAL PROF	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE	PERCENT FIRM	%	0	0	0	0	0	0	0
RENEWABLE ENERGY CREDIT	RATIO	%	95.00	96.21	96.21	94.36	94.36	89.45	89.45
SEASONAL VARIABLE COST PROFILE	RATIO	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS	\$/MWH	0.20	1.59	1.59	2.95	2.95	2.95	2.95	2.95
-----	YEAR 2012	-----	296	5	5	75	75	75	75
DERATION LIBRARY POINTER	FIXED COSTS	\$000/YR	0.00	18742.00	16890.00	12466.00	12466.00	13245.00	13245.00
PERCENT FIRM		%	95.00	95.93	95.93	93.40	93.40	93.12	93.12
-----	YEAR 2013	-----	160	79	79	16	16	17	17
CAPACITY SEGMENT PROFILE	FIXED COSTS	\$000/YR	0.00	18943.00	16950.00	19253.00	18691.00	13759.00	13759.00
DERATION LIBRARY POINTER			297	5	5	75	75	75	75
FIXED COSTS			0.00	18183.00	16981.00	15131.00	14054.00	21154.00	13826.00
PERCENT FIRM		%	95.00	95.45	95.45	95.11	95.11	90.75	90.75
-----	YEAR 2014	-----	161	79	79	16	16	17	17
CAPACITY SEGMENT PROFILE	FIXED COSTS	\$000/YR	0.00	18183.00	16981.00	15131.00	14054.00	21154.00	13826.00
DERATION LIBRARY POINTER			298	5	5	75	75	75	75
FIXED COSTS			0.00	18183.00	16981.00	15131.00	14054.00	21154.00	13826.00
PERCENT FIRM		%	95.00	95.36	95.36	94.10	94.10	89.45	89.45
-----	YEAR 2015	-----	0.00	116865.00	17002.00	15646.00	80913.00	16623.00	75343.00
FIXED COSTS		\$000/YR	0.00	95.29	95.29	93.18	93.18	93.12	93.12
PERCENT FIRM		%	95.00	95.29	95.29	93.18	93.18	93.12	93.12
-----	YEAR 2016	-----	0.00	0.00	17033.00	22058.00	0.00	17154.00	0.00
FIXED COSTS		\$000/YR	0.00	95.29	95.29	95.11	95.11	91.59	91.59
PERCENT FIRM		%	95.00	95.29	95.29	95.11	95.11	91.59	91.59
-----	YEAR 2017	-----	0.00	0.00	17064.00	17991.00	0.00	24468.00	0.00
FIXED COSTS		\$000/YR	0.00	95.29	95.29	94.10	94.10	90.29	90.29
PERCENT FIRM		%	95.00	95.29	95.29	94.10	94.10	90.29	90.29
-----	YEAR 2018	-----	0.00	0.00	8677.00	16944.00	0.00	18588.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	7471.00	24796.00	0.00	16459.00	0.00
PERCENT FIRM		%	0.00	0.00	7471.00	24796.00	0.00	16459.00	0.00
-----	YEAR 2019	-----	0.00	0.00	1940.00	15113.00	0.00	24727.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	1926.00	15380.00	0.00	15608.00	0.00
PERCENT FIRM		%	0.00	0.00	1926.00	15380.00	0.00	15608.00	0.00
-----	YEAR 2020	-----	0.00	0.00	1912.00	24121.00	0.00	15882.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	1894.00	17075.00	0.00	18778.00	0.00
PERCENT FIRM		%	0.00	0.00	1894.00	17075.00	0.00	18778.00	0.00
-----	YEAR 2021	-----	0.00	0.00	1887.00	14665.00	0.00	14543.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	3528.00	42777.00	0.00	46664.00	0.00
PERCENT FIRM		%	0.00	0.00	3528.00	42777.00	0.00	46664.00	0.00
-----	YEAR 2022	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2023	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2024	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2025	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2026	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2027	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2028	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2029	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2030	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2031	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2032	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2033	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2034	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2035	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2036	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS		\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM		%	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	
THERMAL UNIT					
	275	276	277	278	279
	CLN_O_HM_3	CLN_O_15_3	CVL_3_HM_3	CVL_3_10_3	GLN_5_HM_5
	280				
					GLN_5_15_5
					GLN_6_HM_6
ANCILLARY REVENUE RATE	\$/MMH	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	MBTU/MMH	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	MBTU/MMH	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P		0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P		0	0	0	0
BID PRICE AT INCREMENTAL	\$/MMH	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MMH	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		0	0	0	0
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0
CAPACITY REVENUE PROFILE		0	0	0	0
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE		18	18	21	29
CAPITAL COSTS	\$000	0.00	0.00	0.00	0.00
DEPARTION LIBRARY POINTER		75	75	21	29
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM		1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR		0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.59	0.59	0.00	0.00
FIXED COSTS	\$000/YR	11043.00	11043.00	4518.00	6233.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE		0	0	0	0
HEAT RATE PROFILE		18	18	21	29
MAINTENANCE REQUIREMENT	MKS/YEAR	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD		1	1	1	1
MAINTENANCE SEASONAL POINTER		0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF		0	0	0	0
MAXIMUM CAPACITY	MM	235.00	235.00	165.00	95.00
MINIMUM CAPACITY	MM	60.00	60.00	40.00	25.00
MUST RUN INDICATOR		0	0	0	0
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO		0	0	0	0
PERCENT FIRM	%	94.50	94.50	94.32	88.86
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	\$/MMH	2.95	2.95	3.65	4.17
YEAR 2012					
FIXED COSTS	\$000/YR	20218.00	19691.00	14574.00	7120.00
PERCENT FIRM	%	93.12	93.12	94.32	91.20
YEAR 2013					
FIXED COSTS	\$000/YR	14134.00	13607.00	0.00	6697.00
PERCENT FIRM	%	92.04	92.04	94.32	90.03
					6391.00
					90.03
					16088.00
					96.10

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	275	276	277	278	279	280	281
	CLN_O_HM 3	CLN_O_15 3	CVL_3_HM 3	CVL_3_10 3	GLN_5_HM 5	GLN_5_15 5	GLN_6_HM 6
YEAR 2014							
FIXED COSTS	\$000/YR	14659.00	13617.00	0.00	7385.00	6318.00	14219.00
PERCENT FIRM	%	95.15	95.15	94.32	88.86	88.86	95.37
YEAR 2015							
FIXED COSTS	\$000/YR	21383.00	79089.00	0.00	8896.00	22751.00	14614.00
PERCENT FIRM	%	93.60	93.60	94.32	88.27	88.27	94.65
YEAR 2016							
FIXED COSTS	\$000/YR	16867.00	0.00	0.00	7840.00	0.00	17130.00
PERCENT FIRM	%	92.52	92.52	94.32	88.27	88.27	96.10
YEAR 2017							
FIXED COSTS	\$000/YR	17474.00	0.00	0.00	7993.00	0.00	15818.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2018							
FIXED COSTS	\$000/YR	24798.00	0.00	0.00	8697.00	0.00	15680.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2019							
FIXED COSTS	\$000/YR	17041.00	0.00	0.00	6850.00	0.00	18331.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2020							
FIXED COSTS	\$000/YR	15565.00	0.00	0.00	7163.00	0.00	14746.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2021							
FIXED COSTS	\$000/YR	24139.00	0.00	0.00	7758.00	0.00	14666.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2022							
FIXED COSTS	\$000/YR	14373.00	0.00	0.00	7570.00	0.00	17836.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2023							
FIXED COSTS	\$000/YR	17108.00	0.00	0.00	7528.00	0.00	15286.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2024							
FIXED COSTS	\$000/YR	14897.00	0.00	0.00	7064.00	0.00	13964.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2025							
FIXED COSTS	\$000/YR	46342.00	0.00	0.00	16099.00	0.00	30200.00
PERCENT FIRM	%	95.15	95.15	94.32	88.27	88.27	95.37
YEAR 2026							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011							
ANCILLARY REVENUE RATE	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	MBTU/MMH	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	MBTU/MMH	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	\$/MMH	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	\$/MMH	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	%	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	%	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT

	282	283	284	285	286	287	288
	GM_6_15_6	KMR_F_HM_1	KMR_F_GP_1	KMR_F_HM_2	KMR_F_GP_2	KMR_F_HM_3	KMR_F_GP_3
YEAR 2020	0.00	13889.00	0.00	8828.00	0.00	11028.00	0.00
FIXED COSTS	0.00	17120.00	0.00	14624.00	0.00	8804.00	0.00
YEAR 2021	0.00	8979.00	0.00	11368.00	0.00	14604.00	0.00
FIXED COSTS	0.00	11204.00	0.00	9154.00	0.00	11202.00	0.00
YEAR 2022	0.00	14823.00	0.00	11384.00	0.00	9193.00	0.00
FIXED COSTS	0.00	36630.00	0.00	27438.00	0.00	29042.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
THERMAL UNIT	KWA_1_HM_1	KWA_1_15_1	KWA_2_HM_2	KWA_2_15_2	MSKRL_1_1	MSKRL_12_1	MSKRL_2_2
ANCILLARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MINIMUM SEASONAL P	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE MINIMUM SEASONAL POINT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY REVENUE PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGINAL CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	14690.00	14690.00	16443.00	15497.00	14032.00	12427.00	13959.00
FIXED SEASONAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE	36	36	37	37	46	46	47
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINT	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	200.00	200.00	200.00	200.00	205.00	205.00	205.00
MINIMUM CAPACITY	50.00	50.00	50.00	50.00	60.00	60.00	60.00
MUST RUN INDICATOR	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE SEASONAL PRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RENEWABLE ENERGY CREDIT	95.94	95.94	94.62	94.62	91.88	91.88	92.14
SEASONAL VARIABLE COST PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE O AND M COSTS	4.07	4.07	4.07	4.07	1.96	1.96	1.96

YEAR 2011

4-Company East Optimization

FIXED COSTS	\$000/YR	10114.00	10114.00	10921.00	10921.00	13209.00	89928.00	12731.00
PERCENT FIRM	%	93.32	93.32	94.61	94.61	90.95	90.95	91.86
----- YEAR 2013 -----								
FIXED COSTS	\$000/YR	11447.00	10251.00	12253.00	11058.00	14683.00	0.00	14057.00
PERCENT FIRM	%	94.39	94.39	93.51	93.51	90.95	90.95	91.86
----- YEAR 2014 -----								
FIXED COSTS	\$000/YR	10936.00	10516.00	11742.00	11323.00	12383.00	0.00	12556.00
PERCENT FIRM	%	93.09	93.09	91.98	91.98	90.95	90.95	91.86
----- YEAR 2015 -----								
FIXED COSTS	\$000/YR	21882.00	31627.00	20798.00	40199.00	65366.00	0.00	68388.00
PERCENT FIRM	%	93.91	93.91	92.96	92.96	90.95	90.95	91.86
----- YEAR 2016 -----								
FIXED COSTS	\$000/YR	15656.00	0.00	16463.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	93.82	93.82	92.85	92.85	90.95	90.95	91.86
----- YEAR 2017 -----								
FIXED COSTS	\$000/YR	16760.00	0.00	18422.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	92.86	92.86	91.71	91.71	90.95	90.95	91.86
----- YEAR 2018 -----								
FIXED COSTS	\$000/YR	16104.00	0.00	16910.00	0.00	0.00	0.00	0.00
----- YEAR 2019 -----								
FIXED COSTS	\$000/YR	22533.00	0.00	23339.00	0.00	0.00	0.00	0.00
----- YEAR 2020 -----								
FIXED COSTS	\$000/YR	17390.00	0.00	18196.00	0.00	0.00	0.00	0.00
----- YEAR 2021 -----								
FIXED COSTS	\$000/YR	17600.00	0.00	17600.00	0.00	0.00	0.00	0.00
----- YEAR 2022 -----								
FIXED COSTS	\$000/YR	16820.00	0.00	16820.00	0.00	0.00	0.00	0.00
----- YEAR 2023 -----								
FIXED COSTS	\$000/YR	16562.00	0.00	16562.00	0.00	0.00	0.00	0.00
----- YEAR 2024 -----								
FIXED COSTS	\$000/YR	16211.00	0.00	16211.00	0.00	0.00	0.00	0.00
----- YEAR 2025 -----								
FIXED COSTS	\$000/YR	59061.00	0.00	27914.00	0.00	0.00	0.00	0.00
----- YEAR 2026 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR_INPUT_THERMAL_UNIT.

THERMAL UNIT	289	290	291	292	293	294	295
	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KWA_2_15 2	MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT							
	MSKR2_12 2	MSKR3_GP 3	MR3HM_12 3	MSKR4_GP 4	M4HM_12 4	PICWY_HM 5	PICWY_GP 5
296	297	298	299	300	301	302	

ANNUAL REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	MBTU/MWH	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P		0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P		0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0
CAPACITY REVENUE PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00
CAPITAL COSTS	\$000	47	48	48	49	49	56
DERIVATION LIBRARY POINTER		47	48	48	49	49	56
DISPATCH PENALTY AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00
DISPATCH PENALTY AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGIN CAPACITY FACTOR	FRACTION	1.00	1.00	1.00	1.00	1.00	1.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$000/YR	12353.00	13542.00	13737.00	11857.00	8729.00	4828.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE		0	0	0	0	0	0
HEAT RATE PROFILE	WKS/YEAR	47	48	48	49	49	56
MAINTENANCE REQUIREMENT		0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD		1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER		0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF		0	0	0	0	0	0
MAXIMUM CAPACITY	MW	205.00	215.00	215.00	215.00	215.00	100.00
MINIMUM CAPACITY	MW	60.00	80.00	80.00	80.00	80.00	10.00
MOST RUN INDICATOR		0	0	0	0	0	0
PARTIAL OUTAGE RATE SEASONAL PRO	%	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	%	92.14	94.75	94.75	91.88	91.88	90.47
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	\$/MWH	1.96	1.96	1.96	1.96	1.96	5.20
VARIABLE O AND M COSTS							
YEAR 2012							
FIXED COSTS	\$000/YR	89293.00	12725.00	107906.00	11929.00	93865.00	6805.00
MATURE FORCED OUTAGE RATE	%	7.89	6.90	6.90	10.36	10.36	8.64
PERCENT FIRM	%	91.86	94.32	94.32	91.27	91.27	92.45
YEAR 2013							
FIXED COSTS	\$000/YR	0.00	13362.00	0.00	12566.00	0.00	5918.00
PERCENT FIRM	%	91.86	94.32	94.32	91.27	91.27	91.56
YEAR 2014							
FIXED COSTS	\$000/YR	0.00	12811.00	0.00	12015.00	0.00	9913.00
PERCENT FIRM	%	91.86	94.32	94.32	91.27	91.27	90.47
YEAR 2015							
FIXED COSTS	\$000/YR	0.00	68368.00	0.00	59315.00	0.00	8484.00
PERCENT FIRM	%	91.86	94.32	94.32	91.27	91.27	89.74
YEAR 2016							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	6374.00
YEAR 2017							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	10467.00
YEAR 2018							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	9100.00
YEAR 2019							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	7317.00
			526				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		YEAR 2011							
		303	304	305	306	307	308	309	
		SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	
		1	1	2	2	3	3	4	
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BID PRICE INCREMENTAL SEASONAL POINT		0	0	0	0	0	0	0	
CAPACITY REVENUE PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAPACITY SEGMENT PROFILE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAPITAL COSTS	\$/KW	51	51	52	52	53	53	54	
DEPARTION LIBRARY POINTER		104	104	104	104	104	104	104	
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	
DISPATCH PENALTY AT MINIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	
ENERGY MARGIN CAPACITY FACTOR	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.09	0.09	0.09	0.09	0.09	0.09	0.09	
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	10579.00	10579.00	16019.00	12213.00	9960.00	9960.00	9382.00	
HEAT RATE PROFILE	WKS/YEAR	0	0	0	0	0	0	0	
MAINTENANCE SEASONAL METHOD		51	51	52	52	53	53	54	
MAINTENANCE SEASONAL POINTER		1	1	1	1	1	1	1	
MATURE OUTAGE RATE SEASONAL PROF		0	0	0	0	0	0	0	
MAXIMUM CAPACITY	MW	150.00	150.00	150.00	150.00	150.00	150.00	150.00	
MINIMUM CAPACITY	MW	35.00	35.00	35.00	35.00	35.00	35.00	35.00	
MUST RUN INDICATOR		0	0	0	0	0	0	0	
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0	
RENEWABLE ENERGY CREDIT	RATIO	90.38	90.38	91.18	91.18	93.09	93.09	94.25	
SEASONAL VARIABLE COST PROFILE	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VARIABLE O AND M COSTS		3.07	3.07	3.98	3.98	3.07	3.07	3.98	
----- YEAR 2012 -----									
FIXED COSTS	\$/000/YR	10281.00	10281.00	9434.00	7620.00	10281.00	10281.00	9623.00	
PERCENT FIRM	%	90.04	90.04	92.39	92.39	92.73	92.73	93.92	
----- YEAR 2013 -----									
FIXED COSTS	\$/000/YR	16014.00	15294.00	10494.00	8680.00	14643.00	14643.00	9995.00	
PERCENT FIRM	%	91.87	91.87	91.98	91.98	92.36	92.36	93.60	
----- YEAR 2014 -----									
FIXED COSTS	\$/000/YR	12023.00	10630.00	11461.00	7930.00	12551.00	10926.00	15962.00	
PERCENT FIRM	%	91.52	91.52	91.58	91.58	93.09	93.09	93.28	
----- YEAR 2015 -----									
FIXED COSTS	\$/000/YR	14977.00	50874.00	16741.00	31841.00	13214.00	54129.00	11607.00	
PERCENT FIRM	%	91.16	91.16	91.18	91.18	92.73	92.73	93.92	
----- YEAR 2016 -----									
FIXED COSTS	\$/000/YR	14176.00	0.00	11427.00	0.00	13040.00	0.00	13056.00	
PERCENT FIRM	%	90.81	90.81	92.39	92.39	92.36	92.36	93.60	
----- YEAR 2017 -----									
FIXED COSTS	\$/000/YR	17154.00	0.00	13973.00	0.00	15345.00	0.00	12514.00	
PERCENT FIRM	%	90.45	90.45	91.98	91.98	92.00	92.00	93.28	
----- YEAR 2018 -----									
FIXED COSTS	\$/000/YR	13420.00	0.00	12841.00	0.00	12982.00	0.00	17672.00	
PERCENT FIRM	%	90.00	90.00	92.36	92.36	92.36	92.36	93.60	
----- YEAR 2019 -----									
FIXED COSTS	\$/000/YR	11920.00	0.00	18085.00	0.00	13050.00	0.00	11960.00	
PERCENT FIRM	%	90.00	90.00	91.98	91.98	92.00	92.00	93.60	
----- YEAR 2020 -----									
FIXED COSTS	\$/000/YR	11814.00	0.00	11868.00	0.00	10662.00	0.00	10837.00	
PERCENT FIRM	%	90.00	90.00	91.98	91.98	92.00	92.00	93.60	
----- YEAR 2021 -----									
FIXED COSTS	\$/000/YR	16755.00	0.00	11078.00	0.00	15589.00	0.00	10807.00	
PERCENT FIRM	%	90.00	90.00	91.98	91.98	92.00	92.00	93.60	
----- YEAR 2022 -----									
FIXED COSTS	\$/000/YR	12123.00	0.00	11353.00	0.00	10871.00	0.00	16631.00	
PERCENT FIRM	%	90.00	90.00	91.98	91.98	92.00	92.00	93.60	
----- YEAR 2023 -----									
FIXED COSTS	\$/000/YR	11516.00	0.00	16896.00	0.00	11349.00	0.00	10983.00	
PERCENT FIRM	%	90.00	90.00	91.98	91.98	92.00	92.00	93.60	
----- YEAR 2024 -----									
FIXED COSTS	\$/000/YR	9369.00	0.00	9422.00	0.00	9110.00	0.00	9191.00	
PERCENT FIRM	%	90.00	90.00	91.98	91.98	92.00	92.00	93.60	
----- YEAR 2025 -----									
FIXED COSTS	\$/000/YR	28973.00	0.00	28200.00	0.00	28524.00	0.00	26651.00	
PERCENT FIRM	%	90.00	90.00	91.98	91.98	92.00	92.00	93.60	
----- YEAR 2026 -----									
FIXED COSTS	\$/000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
----- YEAR 2027 -----									
FIXED COSTS	\$/000/YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PERCENT FIRM	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
----- YEAR 2028 -----									

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

----- YEAR 2011 -----	310	311	312	313	314	315	316
ANCILLARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGBENT PROFILE	54	55	55	66	66	67	67
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER	104	55	55	66	66	67	67
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.09	0.00	0.00	0.09	0.09	0.09	0.09
FIXED COSTS	9382.00	22050.00	22050.00	7101.00	5233.00	5027.00	4268.00
FIXED SEASONAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE	54	55	55	66	66	67	67
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	150.00	450.00	450.00	145.00	145.00	145.00	145.00
MINIMUM CAPACITY	35.00	250.00	250.00	30.00	30.00	30.00	30.00
MOST RUN INDICATOR	0	0	0	0	0	0	0

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

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

	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
THERMAL UNIT	SP4_Q_15	SP4_Q_15	SP5_HM	SP5_HM	SP5_15	SP5_15	TNR_F_HM	TNR_F_15	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15
PARTIAL OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT FIRM	94.25	71.95	71.95	71.95	71.95	71.95	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65	93.65
RENEWABLE ENERGY CREDIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	3.98	3.98	3.98	3.98	3.98	3.98	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58
FIXED COSTS	9623.00	16082.00	7099.00	7099.00	5230.00	21491.00	19326.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00	9623.00
PERCENT FIRM	93.92	71.95	93.40	93.40	93.40	93.43	93.43	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40	93.40
FIXED COSTS	9995.00	51625.00	10052.00	10052.00	8193.00	8028.00	5795.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00	9995.00
PERCENT FIRM	93.60	71.95	93.21	93.21	93.21	94.05	94.05	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60
FIXED COSTS	9641.00	0.00	7697.00	7697.00	5688.00	8026.00	5652.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00	9641.00
PERCENT FIRM	93.28	71.95	93.11	93.11	93.11	94.05	94.05	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28
FIXED COSTS	43052.00	0.00	16786.00	16786.00	23645.00	11410.00	25976.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00	43052.00
PERCENT FIRM	93.92	71.95	93.02	93.02	93.02	93.80	93.80	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92	93.92
FIXED COSTS	0.00	0.00	9667.00	9667.00	8633.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	93.60	71.95	93.02	93.02	93.02	93.80	93.80	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60
FIXED COSTS	0.00	0.00	10213.00	10213.00	15700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	93.28	71.95	93.02	93.02	93.02	93.80	93.80	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28	93.28
FIXED COSTS	0.00	0.00	13269.00	13269.00	9419.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	93.02	93.02	93.80	93.80	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02
FIXED COSTS	0.00	0.00	10017.00	10017.00	9877.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	7436.00	7436.00	12812.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	14051.00	14051.00	9395.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	93.02	93.02	93.80	93.80	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02
FIXED COSTS	0.00	0.00	7974.00	7974.00	12869.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	8338.00	8338.00	7428.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	8027.00	8027.00	7116.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	18197.00	18197.00	20560.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PERCENT FIRM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0																											

		YEAR 2011		YEAR 2012		YEAR 2013		YEAR 2014	

ANCILLARY REVENUE RATE	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P		0	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	\$/MMH	0	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MMH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		0	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	\$/KW	0	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE		68	68	68	68	68	68	68	68
CAPITAL COSTS	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER		68	68	68	68	68	68	68	68
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
FIXED COSTS	\$/000/YR	23560.00	19221.00	8729.00	5814.00	5814.00	5814.00	5814.00	5814.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAT RATE PROFILE		0	0	0	0	0	0	0	0
HEAT RATE RETURN	WKS/YEAR	68	68	56	58	58	58	58	58
MAINTENANCE REQUIREMENT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD		1	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER		0	0	0	0	0	0	0	0
MATURE OUTAGE RATE SEASONAL PROF		0	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MM	205.00	205.00	100.00	1300.00	1300.00	1300.00	1300.00	1300.00
MINIMUM CAPACITY	MM	40.00	40.00	10.00	500.00	500.00	500.00	500.00	500.00
MUST RUN INDICATOR		0	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	%	0	0	0	0	0	0	0	0
PERCENT FIRM	RATIO	92.92	92.92	90.47	94.71	99.35	100.00	100.00	100.00
RENEWABLE ENERGY CREDIT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	\$/MMH	0	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	\$/MMH	3.58	3.58	3.69	4.54	0.70	0.00	0.00	0.00

YEAR 2012									
FIXED COSTS	\$/000/YR	12974.00	8635.00	6805.00	5814.00	5814.00	5814.00	5814.00	5814.00
PERCENT FIRM	%	92.92	92.92	92.45	94.71	99.35	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MMH	3.58	3.58	3.69	4.54	0.72	0.00	0.00	0.00

YEAR 2013									
FIXED COSTS	\$/000/YR	16269.00	9257.00	5881.00	5814.00	5814.00	5814.00	5814.00	5814.00
PERCENT FIRM	%	92.64	92.64	91.56	94.71	99.35	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MMH	3.58	3.58	3.69	4.54	0.79	0.00	0.00	0.00

YEAR 2014									
FIXED COSTS	\$/000/YR	13596.00	9073.00	6570.00	5814.00	5814.00	5814.00	5814.00	5814.00
PERCENT FIRM	%	92.50	92.50	90.47	94.71	99.35	100.00	100.00	100.00
VARIABLE O AND M COSTS	\$/MMH	3.58	3.58	3.69	4.54	0.75	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	317	318	319	320	364	500	501
	TNR_F_HM	TNR_F_15	FW_GP_15	RHILLS_1		DURMW_02	DURMW_1M
	3	3	5	1	0	0	0
----- YEAR 2015 -----							
FIXED COSTS	\$000/YR	20223.00	45469.00	14242.00	0.00	5814.00	0.00
PERCENT FIRM	%	92.43	92.43	89.74	94.71	99.35	100.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.77	0.00
----- YEAR 2016 -----							
FIXED COSTS	\$000/YR	14799.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.78	0.00
----- YEAR 2017 -----							
FIXED COSTS	\$000/YR	15292.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.80	0.00
----- YEAR 2018 -----							
FIXED COSTS	\$000/YR	18259.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.82	0.00
----- YEAR 2019 -----							
FIXED COSTS	\$000/YR	15321.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.84	0.00
----- YEAR 2020 -----							
FIXED COSTS	\$000/YR	21021.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.86	0.00
----- YEAR 2021 -----							
FIXED COSTS	\$000/YR	8884.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.88	0.00
----- YEAR 2022 -----							
FIXED COSTS	\$000/YR	8769.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.90	0.00
----- YEAR 2023 -----							
FIXED COSTS	\$000/YR	13612.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.92	0.00
----- YEAR 2024 -----							
FIXED COSTS	\$000/YR	8989.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.94	0.00
----- YEAR 2025 -----							
FIXED COSTS	\$000/YR	20398.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.96	0.00
----- YEAR 2026 -----							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	5814.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	0.98	0.00
----- YEAR 2027 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.01	0.00
----- YEAR 2028 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.03	0.00
----- YEAR 2029 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.05	0.00
----- YEAR 2030 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.08	0.00
----- YEAR 2031 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.10	0.00
----- YEAR 2032 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.13	0.00
----- YEAR 2033 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.15	0.00
----- YEAR 2034 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.18	0.00
----- YEAR 2035 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.21	0.00
----- YEAR 2036 -----							
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
MAXIMUM CAPACITY	MW	205.00	205.00	100.00	176.00	1300.00	0.00
MINIMUM CAPACITY	MW	40.00	40.00	10.00	132.00	500.00	0.00
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.23	0.00
----- YEAR 2037 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.26	0.00
----- YEAR 2038 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.29	0.00
----- YEAR 2039 -----							
VARIABLE O AND M COSTS	\$/MWH	3.58	3.58	3.69	4.54	1.32	0.00

THERMAL UNIT		DUMMY_AP		DUMMY_KP		CC_KPCO		RP2D_KP		RP2D_IM		CSV6_SCR		CSV5_SCR	
		502	503	958	959	960	961	962	959	960	961	962	961	962	
----- YEAR 2010 -----															
----- YEAR 2011 -----															
ANCILLARY REVENUE RATE	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVERAGE HEAT RATE AT MAXIMUM	MBTU/MWH	0.00	0.00	6.63	9.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVERAGE HEAT RATE AT MINIMUM	MBTU/MWH	0.00	0.00	7.10	9.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HEAT RATE MAXIMUM SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	
AVG HEAT RATE MINIMUM SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	
BID PRICE AT INCREMENTAL	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BID PRICE AT MINIMUM	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BID PRICE INCREMENTAL SEASONAL P		0	0	0	0	0	0	0	0	0	0	0	0	0	
BID PRICE MINIMUM SEASONAL POINT		0	0	0	0	0	0	0	0	0	0	0	0	0	
CAPACITY REVENUE PROFILE	\$/KW	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAPACITY SEGMENT PROFILE	\$000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAPITAL COSTS		0	0	125	0	147	24	24	23	23	23	23	23	23	
DERATION LIBRARY POINTER		0	0	0	0	0	0	0	0	0	0	0	0	0	
DISPATCH PENALTY AT MAXIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
DISPATCH PENALTY AT MINIMUM		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
ENERGY MARGIN CAPACITY FACTOR	FRACTION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FIXED ANNUAL CAPACITY RATE	\$/KW/HR	0.00	0.00	15.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FIXED COSTS	\$000/HR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HEAT RATE PROFILE		0	0	137	0	168	24	24	23	23	23	23	23	23	
MAINTENANCE REQUIREMENT	WKS/YEAR	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MAINTENANCE SEASONAL METHOD		1	1	1	1	1	1	1	1	1	1	1	1	1	
MAINTENANCE SEASONAL POINTER		0	0	0	0	0	0	0	0	0	0	0	0	0	
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	6.31	6.31	7.69	4.95	6.31	6.31	7.69	4.95	6.31	6.31	
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MATURE OUTAGE RATE SEASONAL PROF	MM	0.00	0.00	424.00	193.00	1090.00	391.00	391.00	130.00	130.00	130.00	130.00	130.00	130.00	
MINIMUM CAPACITY	MM	0.00	0.00	212.00	193.00	359.00	130.00	130.00	130.00	130.00	130.00	130.00	130.00	130.00	
MINIMUM CAPACITY	MM	0	0	0	0	1	1	1	1	1	1	1	1	1	
MOST RUN INDICATOR	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PARTIAL OUTAGE RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	
PARTIAL OUTAGE RATE SEASONAL PRO	%	0.00	0.00	96.00	93.69	93.69	92.31	95.05	93.69	93.69	92.31	95.05	93.69	93.69	
PERCENT FTRM	%	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SEASONAL VARIABLE COST PROFILE		0	0	0	0	0	0	0	0	0	0	0	0	0	
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	3.64	0.69	0.69	2.24	2.24	0.69	0.69	2.24	2.24	0.69	2.24	
----- YEAR 2012 -----															
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	6.77	6.77	8.43	4.95	6.77	6.77	8.43	4.95	6.77	6.77	
PERCENT FTRM	%	100.00	100.00	96.00	93.23	93.23	91.57	95.05	93.23	93.23	91.57	95.05	93.23	93.23	
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	3.64	0.70	0.70	2.24	2.24	0.70	0.70	2.24	2.24	0.70	2.24	
----- YEAR 2013 -----															
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	7.24	7.24	8.43	4.95	7.24	7.24	8.43	4.95	7.24	7.24	
PERCENT FTRM	%	100.00	100.00	96.00	92.76	92.76	91.57	95.05	92.76	92.76	91.57	95.05	92.76	92.76	
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	3.64	0.72	0.72	2.24	2.24	0.72	0.72	2.24	2.24	0.72	2.24	
----- YEAR 2014 -----															
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	7.24	7.24	8.43	4.95	7.24	7.24	8.43	4.95	7.24	7.24	
PERCENT FTRM	%	100.00	100.00	96.00	92.76	92.76	91.57	95.05	92.76	92.76	91.57	95.05	92.76	92.76	
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	3.64	0.73	0.73	2.24	2.24	0.73	0.73	2.24	2.24	0.73	2.24	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAP_INPUT.THERMAL UNIT.

THERMAL UNIT		502	503	958	959	960	961	962
		DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR
		0	0	998	959	960	961	962
----- YEAR 2015 -----								
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	7.24	7.24	5.32	4.24
PERCENT FIRM	%	100.00	100.00	96.00	92.76	92.76	94.68	95.76
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.75	0.75	2.24	2.24
----- YEAR 2016 -----								
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	7.24	7.24	4.50	3.89
PERCENT FIRM	%	100.00	100.00	96.00	92.76	92.76	95.50	96.11
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.76	0.76	2.24	2.24
----- YEAR 2017 -----								
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	7.24	7.24	4.09	4.24
PERCENT FIRM	%	100.00	100.00	96.00	92.76	92.76	95.91	95.76
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.78	0.78	2.24	2.24
----- YEAR 2018 -----								
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.80	0.80	2.24	2.24
----- YEAR 2019 -----								
MATURE FORCED OUTAGE RATE	%	0.00	0.00	4.00	7.24	7.24	4.50	3.89
PERCENT FIRM	%	100.00	100.00	96.00	92.76	92.76	95.50	96.11
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.82	0.82	2.24	2.24
----- YEAR 2020 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	5138.00	31316.00	12385.00	11112.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.84	0.84	2.24	2.24
----- YEAR 2021 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	5761.00	40228.00	22001.00	18177.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.86	0.86	2.24	2.24
----- YEAR 2022 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	5996.00	42074.00	26162.00	24582.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.88	0.88	2.24	2.24
----- YEAR 2023 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	6419.00	45183.00	34547.00	30330.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.90	0.90	2.24	2.24
----- YEAR 2024 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	7219.00	50809.00	40838.00	34769.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.92	0.92	2.24	2.24
----- YEAR 2025 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	7045.00	49952.00	47551.00	41866.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.94	0.94	2.24	2.24
----- YEAR 2026 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	7839.00	54606.00	52489.00	46268.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.96	0.96	2.24	2.24
----- YEAR 2027 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	7814.00	50654.00	59756.00	52157.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	0.99	0.99	2.24	2.24
----- YEAR 2028 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	8661.00	55179.00	68602.00	59322.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.01	1.01	2.24	2.24
----- YEAR 2029 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	8659.00	52462.00	73207.00	64141.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.03	1.03	2.24	2.24
----- YEAR 2030 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	9188.00	55614.00	79663.00	70806.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.05	1.05	2.24	2.24
----- YEAR 2031 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	10052.00	61335.00	87421.00	76807.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.08	1.08	2.24	2.24
----- YEAR 2032 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	9221.00	58273.00	96051.00	84015.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.10	1.10	2.24	2.24
----- YEAR 2033 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	9629.00	58936.00	102301.00	89978.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.12	1.12	2.24	2.24
----- YEAR 2034 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	9529.00	58995.00	112564.00	96560.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.13	1.13	2.24	2.24
----- YEAR 2035 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	10050.00	61127.00	118381.00	105877.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.17	1.17	2.24	2.24
----- YEAR 2036 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	10918.00	65968.00	126396.00	110462.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.20	1.20	2.24	2.24
----- YEAR 2037 -----								
FIXED COSTS	\$/MMH	0.00	0.00	0.00	10512.00	62501.00	133475.00	117439.00
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	3.64	1.22	1.22	2.24	2.24

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	977	978	979	980	981	982	983
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
	977	978	979	980	981	982	983
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT							
YEAR 2011							
ANCILLARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	MBTU/MBH	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE AT MINIMUM	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	0	0	0	0	0	0	0
CAPITAL COSTS	\$000	0.00	0.00	0.00	0.00	0.00	0.00
DEPARTION LIBRARY POINTER	0	0	0	0	0	0	0
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	\$/KW/YR	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0
HEAT RATE PROFILE	0	0	0	0	0	0	0
MAINTENANCE REQUIREMENT	WKS/YEAR	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
NATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00
NATURE OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	MW	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM CAPACITY	MW	0	0	0	0	0	0
MIST RUN INDICATOR	0	0	0	0	0	0	0
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO	0	0	0	0	0	0	0
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	100.00
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE	0	0	0	0	0	0	0
VARIABLE O AND M COSTS	\$/MWH	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							

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

----- THERMAL UNIT -----

	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993	994 DUMMY_OP 994	995 DUMMY_OP 995	T4_TRONA 996	RP2PR_KP 997
----- YEAR 2011 -----							
ANCILLARY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE HEAT RATE AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	9.67
AVERAGE HEAT RATE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	9.67
AVG HEAT RATE MAXIMUM SEASONAL P	0	0	0	0	0	0	0
AVG HEAT RATE MINIMUM SEASONAL P	0	0	0	0	0	0	0
BID PRICE AT INCREMENTAL	0.00	0.00	0.00	0.00	0.09	0.00	0.00
BID PRICE AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE COST FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P	0	0	0	0	0	0	0
BID PRICE MINIMUM SEASONAL POINT	0	0	0	0	0	0	0
CAPACITY REVENUE PROFILE	0	0	0	0	0	0	0
CAPACITY REVENUE RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY SEGMENT PROFILE	0	0	0	0	0	69	0
CAPITAL COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DERATION LIBRARY POINTER	0	0	0	0	0	69	59
DISPATCH PENALTY AT MAXIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DISPATCH PENALTY AT MINIMUM	1.00	1.00	1.00	1.00	1.00	1.00	1.00
ENERGY MARGIN CAPACITY FACTOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED ANNUAL CAPACITY RATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED COSTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIXED SEASONAL CAPACITY RATE	0	0	0	0	0	0	0
FIXED SEASONAL RATE PROFILE	0	0	0	0	0	0	0
HEAT RATE PROFILE	0	0	0	0	0	69	0
MAINTENANCE REQUIREMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE SEASONAL METHOD	1	1	1	1	1	1	1
MAINTENANCE SEASONAL POINTER	0	0	0	0	0	0	0
MAINTURE FORCED OUTAGE RATE	0.00	0.00	0.00	0.00	0.00	16.44	6.31
MAXIMUM OUTAGE RATE SEASONAL PROF	0	0	0	0	0	0	0
MAXIMUM CAPACITY	0.00	0.00	0.00	0.00	0.00	500.00	195.00
MINIMUM CAPACITY	0.00	0.00	0.00	0.00	0.00	200.00	195.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		991	992	993	994	995	996	997
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	T4_TONNA	RP2TR_KP
		991	992	993	994	995	996	997
		991	992	993	994	995	996	997
----- YEAR 2011 -----								
MUST RUN INDICATOR		0	0	0	0	0	0	0
PARTIAL OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO		0	0	0	0	0	0	0
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	83.56	93.69
RENEWABLE ENERGY CREDIT	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASONAL VARIABLE COST PROFILE		0	0	0	0	0	0	0
VARIABLE O AND M COSTS	\$/MMH	0.00	0.00	0.00	0.00	0.00	3.25	0.69
----- YEAR 2012 -----								
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	17.05	6.77
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	82.95	93.23
----- YEAR 2013 -----								
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	19.54	7.24
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	80.46	92.76
----- YEAR 2014 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	6735.00	3243.00
----- YEAR 2015 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	9432.00	2153.00
----- YEAR 2016 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	5311.00	3509.00
----- YEAR 2017 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	102928.00	3326.00
----- YEAR 2018 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	3836.00
----- YEAR 2019 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	4426.00
----- YEAR 2020 -----								
FIXED COSTS	\$000/YR	0.00	0.00	0.00	0.00	0.00	0.00	100.00
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	19.54	100.00
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	80.46	0.00
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
MATURE FORCED OUTAGE RATE	%	0.00	0.00	0.00	0.00	0.00	100.00	100.00
PERCENT FIRM	%	100.00	100.00	100.00	100.00	100.00	0.00	0.00
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								
----- YEAR 2031 -----								
----- YEAR 2032 -----								
----- YEAR 2033 -----								
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								
THERMAL UNIT		998	999					
		RP2TR_IM	DUMMY_OP					
		998	999					
		998	999					
----- YEAR 2011 -----								
ANCILLARY REVENUE RATE	\$/MMH	0.00	0.00					
AVERAGE HEAT RATE AT MAXIMUM	MBTU/MMH	0.00	0.00					
AVERAGE HEAT RATE AT MINIMUM	MBTU/MMH	0.00	0.00					
AVG HEAT RATE MAXIMUM SEASONAL P		0	0					
AVG HEAT RATE MINIMUM SEASONAL P		0	0					
BID PRICE AT INCREMENTAL	\$/MMH	0.00	0.00					
BID PRICE AT MINIMUM	\$/MMH	0.00	0.00					

BID PRICE CAPACITY FACTOR	%	0.00	0.00
BID PRICE COST FACTOR	%	0.00	0.00
BID PRICE INCREMENTAL SEASONAL P		0	0
BID PRICE MINIMUM SEASONAL POINT		0	0
CAPACITY REVENUE PROFILE		0	0
CAPACITY REVENUE RATE	\$/KW	0.00	0.00
CAPACITY SEGMENT PROFILE		0	0
CAPITAL COSTS	\$000	0.00	0.00
DERATION LIBRARY POINTER		59	0
DISPATCH PENALTY AT MAXIMUM		1.00	1.00
DISPATCH PENALTY AT MINIMUM		1.00	1.00
ENERGY MARGIN CAPACITY FACTOR		0.00	0.00
FIXED ANNUAL CAPACITY RATE	FRACTION	0.00	0.00
FIXED COSTS	\$/KW/YR	0.00	0.00
FIXED SEASONAL CAPACITY RATE	\$/KW/SEA	0.00	0.00
FIXED SEASONAL RATE PROFILE		0	0
HEAT RATE PROFILE		59	0
MAINTENANCE REQUIREMENT	WKS/YEAR	0.00	0.00
MAINTENANCE SEASONAL METHOD		1	1
MAINTENANCE SEASONAL POINTER		1	0
NATURE FORCED OUTAGE RATE	%	6.31	0.00
NATURE FORCED OUTAGE RATE		0	0
NATURE OUTAGE RATE SEASONAL PROF		0	0.00
MAXIMUM CAPACITY	MM	1105.00	0.00
MINIMUM CAPACITY	MM	305.00	0.00
MUST RUN INDICATOR		0	0
PARTIAL OUTAGE RATE	%	0.00	0.00
PARTIAL OUTAGE RATE SEASONAL PRO		0	0
PERCENT FIRM	%	93.69	100.00
RENDEMBER ENERGY CREDIT	RATIO	0.00	0.00
SEASONAL VARIABLE COST PROFILE		0	0
VARIABLE O AND M COSTS	\$/MMH	0.69	0.00
----- YEAR 2012 -----			
NATURE FORCED OUTAGE RATE	%	6.77	0.00
PERCENT FIRM	%	93.23	100.00
----- YEAR 2013 -----			
NATURE FORCED OUTAGE RATE	%	7.24	0.00
PERCENT FIRM	%	92.76	100.00
----- YEAR 2014 -----			
FIXED COSTS	\$000/YR	19368.00	0.00
----- YEAR 2015 -----			
FIXED COSTS	\$000/YR	15828.00	0.00
----- YEAR 2016 -----			
FIXED COSTS	\$000/YR	23440.00	0.00
----- YEAR 2017 -----			
FIXED COSTS	\$000/YR	22550.00	0.00
----- YEAR 2018 -----			
FIXED COSTS	\$000/YR	25825.00	0.00
----- YEAR 2019 -----			
FIXED COSTS	\$000/YR	44836.00	0.00
----- YEAR 2020 -----			
FIXED COSTS	\$000/YR	0.00	0.00
NATURE FORCED OUTAGE RATE	%	100.00	0.00
PERCENT FIRM	%	0.00	100.00

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	998	999
	RPZTR IM	DUMMY OP
	998	999

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	1	AMOS	1	AMOS	2	AMOS_OP	3	BECKJORD	4	BIG SAND	5	BIG SAND	6	CAND 1+2	7
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	8	CARD 1+2	2	CARD 3	3	CLIFFY	1	CLIFFY	2	CLIFFY	3	CLIFFY	4	CLIFFY	5
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	15	CLIFFY	6	CLINCH R	1	CLINCH R	2	CLINCH R	3	ROCKP_KP	1	ROCKP_KP	2	CSVL 1-4	3
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	22	CSVL 1-4	4	CSVL 5+6	5	CSVL 5+6	6	D C COOK	1	D C COOK	2	GAVIN	1	GAVIN	2
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	29	GLEN LYN	5	GLEN LYN	6	KAWMER	1	KAWMER	2	KAWMER	3	KANAWHA	1	KANAWHA	2
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	38	KYGER	1	KYGER	2	KYGER	3	KYGER	4	KYGER	5	MITCHELL	1	MITCHELL	2
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	45	MOUNT_ER	1	MUSK RVR	1	MUSK RVR	2	MUSK RVR	3	MUSK RVR	4	MUSK RVR	5	P SPORN	1
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	52	P SPORN	2	P SPORN	3	P SPORN	4	P SPORN	5	PITOMAY	5	RRRRT_IM	1	RRRUN_IM	1
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	59	ROCKP_IM	2	STUART	1	STUART	2	STUART	3	STUART	4	AMOS_AP	3	TANN 1-3	1
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	67	TANN 1-3	2	TANN 1-3	3	TANN 4	4	ZIMMER	1	ROBTMONE	1	ROBTMONE	2	ROBTMONE	3
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	75	CEREDO	1	CEREDO	2	CEREDO	3	CEREDO	4	CEREDO	5	CEREDO	6	DARBY	1
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	82	DARBY	2	DARBY	3	DARBY	4	DARBY	5	DARBY	6	IMBG WIN	1	IMBG WIN	2
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	89	IMBG SMR	89	IMBG SMR	90	WATR CC	91	WATR2	92	DRESDEN	93	DRESID2	94	NUCLPAR	101
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL

4-Company East Optimization

UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	1	2	1	1	1	1	1	1	1
THERMAL UNIT	102	103	104	105	106	107	108	109	110	111
UPC_NCCS	1	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC_2X1EB	1	1	1
ESCALATION UNIT FUEL AUXILIARY	1	1	1	1	1	1	1	1	1	1
THERMAL UNIT	109	110	111	114	115	124	125	126	127	129
CC_2X1FA	1	CC_1X17H	BS2_CC	CT_GE7FA	CT_GE7EA	BS2_FGD	BS1_FGD	1	1	1
ESCALATION UNIT FUEL AUXILIARY	1	1	1	1	1	2	1	1	1	1
THERMAL UNIT	126	127	129	130	131	132	133	134	135	136
CSV5_SCR	5	CSV6_SCR	CRL_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RP1D_IM	1	1	1
ESCALATION UNIT FUEL AUXILIARY	1	6	1	2	5	5	1	1	1	1
THERMAL UNIT	134	135	136	137	144	145	146	147	148	149
RP2D_IM	2	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A390% AP	A390%OP	1	1	2
ESCALATION UNIT FUEL AUXILIARY	1	4	1	2	4	3	3	1	1	1
THERMAL UNIT	147	148	149	150	151	153	154	155	156	157
MTN_90%	1	RP11_90%	RP12_90%	GV1_90%	GV2_90%	MTN_18%	CC_FA_KP	1	1	1
ESCALATION UNIT FUEL AUXILIARY	1	1	2	1	2	1	1	1	1	1
THERMAL UNIT	155	156	157	158	159	160	161	162	163	164
CT_OHIO	1	CC_OH	CT_I&M	CC_I&M	CT_ARCO	CC_ARCO	CT_KRPO	1	1	1
ESCALATION UNIT FUEL AUXILIARY	1	1	1	1	1	1	1	1	1	1
THERMAL UNIT	162	163	164	165	166	168	169	170	171	172
CC_KRPO	1	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC AP	PC_UL_AP	1	1	1
ESCALATION UNIT FUEL AUXILIARY	1	1	5	22	23	1	1	1	1	1

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	170	171	172	173	174	175	176
ESCALATION UNIT FUEL AUXILIARY	Nuke_AP 1	IGCC IM 1	PC_UL_IM 1	NUKE_IM 1	IGCC KP 1	PC_UL_KP 1	NUKE_KP 1
THERMAL UNIT	177	178	179	181	182	183	184
ESCALATION UNIT FUEL AUXILIARY	IGCC OH 1	PC_UL_OH 1	NUKE OH 1	RP1D_03 1	RP1D_04 1	RP1D_08 1	RP1D_20 1
THERMAL UNIT	186	187	188	189	190	191	223
ESCALATION UNIT FUEL AUXILIARY	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_THROMA 4	T4_TRCCR 4	MR_STRK1 1
THERMAL UNIT	224	228	229	230	231	232	233
ESCALATION UNIT FUEL AUXILIARY	MR_STRK2 1	AMS3_SI 3	BS2_SI 2	MR5_CF 5	MR5_SI 5	RP1T_CF 1	RP2T_CF 2
THERMAL UNIT	234	235	251	252	253	254	255
ESCALATION UNIT FUEL AUXILIARY	RP1T_SI 1	RP2T_SI 2	DC1_HPT 1	DC1_IS 1	DC1_EFF 1	DC1_I7 1	DC1_3800 1
THERMAL UNIT	257	258	259	260	269	270	271
ESCALATION UNIT FUEL AUXILIARY	DC2_HPT 2	DC2_EFF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1	CLN_O_HM 1
THERMAL UNIT	272	273	274	275	276	277	278
ESCALATION UNIT FUEL AUXILIARY	CLN_O_15 1	CLN_O_HM 2	CLN_O_15 2	CLN_O_HM 3	CLN_O_15 3	CVL_3_HM 3	CVL_3_10 3
THERMAL UNIT	279	280	281	282	283	284	285
ESCALATION UNIT FUEL AUXILIARY	GIN_5_HM 5	GIN_5_15 5	GIN_6_HM 6	GIN_6_15 6	KMR_F_HM 1	KMR_F_GP 1	KMR_F_HM 2
THERMAL UNIT	286	287	288	289	290	291	292
ESCALATION UNIT FUEL AUXILIARY	KMR_F_GP 2	KMR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KWA_2_15 2
THERMAL UNIT	293	294	295	296	297	298	299
ESCALATION UNIT FUEL AUXILIARY	MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2	MSKR2_12 2	MSKR3_GP 3	MR3HM_12 3	MSKR4_GP 4
THERMAL UNIT	300	301	302	303	304	305	306
ESCALATION UNIT FUEL AUXILIARY	MAHM_12 4	PICWY_HM 5	PICWY_GP 5	SP1_F_HM 1	SP1_F_15 1	SP2_F_HM 2	SP2_F_15 2
THERMAL UNIT	307	308	309	310	311	312	313
ESCALATION UNIT FUEL AUXILIARY	SP3_Q_HM 3	SP3_Q_15 3	SP4_Q_HM 4	SP4_Q_15 4	SP5_HM 5	SP5_15 5	TNR_F_HM 1
THERMAL UNIT	314	315	316	317	318	319	320
ESCALATION UNIT FUEL AUXILIARY	TNR_F_15 1	TNR_F_HM 1	TNR_F_15 1	TNR_F_HM 1	TNR_F_15 1	PW_GP_15 1	RH111S 1

4-Company East Optimization

UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1	1	2	2	3	3	3	5	1
	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL	GEN-ESCL
THERMAL UNIT	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	558 CC_KPCO 958	959 RP2D_KP 959	960 RP2D_IM 960		
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1					GEN-ESCL	GEN-ESCL		
THERMAL UNIT	961 CSV6_SCR 961	962 CSV5_SCR 962	963 DUMMY_OP 963	964 DUMMY_OP 964	965 RP1D_O3 965	966 RP1D_KP 966	967 BS2_FSD 967		
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1								
THERMAL UNIT	968 CR2_NGCC 968	969 CRL_NGCC 969	970 MR5_NGCC 970	971 DUMMY_OP 971	972 DUMMY_OP 972	973 DUMMY_OP 973	974 DUMMY_OP 974		
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1								
THERMAL UNIT	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		
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1								
THERMAL UNIT	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		
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1								
THERMAL UNIT	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		
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1								
THERMAL UNIT	996 T4_TRONA 996	997 RP2TR_KP 997	998 RP2TR_IM 998	999 DUMMY_OP 999					
UNIT FUELS ESCALATION UNIT FUEL AUXILIARY	1								
THERMAL UNIT	GEN-ESCL	GEN-ESCL	GEN-ESCL						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

CAPACITY SEGMENTS	1	2	3	4	5
SEGMENT CAPACITY LIBRARY					
1 AMS_1D	350.00	600.00	672.00	790.00	0.00
SEGMENT CAPACITY LIBRARY					
2 AMS_2D	350.00	600.00	672.00	790.00	0.00
SEGMENT CAPACITY LIBRARY					
3 AMOS_3	462.00	683.10	772.20	858.00	0.00
SEGMENT CAPACITY LIBRARY					
4 BECK_6	20.00	42.00	53.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
5 BIGS_1	100.00	236.00	278.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
6 BIGS_2	500.00	600.00	680.00	800.00	0.00
SEGMENT CAPACITY LIBRARY					
7 CARD_1	325.00	476.00	595.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
8 CARD_2	325.00	476.00	595.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
9 CARD_3	325.00	504.00	630.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
10 CLIF_1	37.00	66.00	87.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
11 CLIF_2	37.00	65.00	87.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
12 CLIF_3	37.00	65.00	87.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
13 CLIF_4	37.00	65.00	87.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
14 CLIF_5	37.00	65.00	87.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
15 CLIF_6	23.00	65.00	87.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
16 CLIN_1	60.00	200.00	235.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
17 CLIN_2	60.00	200.00	235.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
18 CLIN_3	60.00	200.00	235.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
19	40.00	132.00	165.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
20	141.00	270.00	337.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
21 CSVL_3	130.00	340.00	391.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
22 CSVL_4	130.00	340.00	391.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
23 CSVL_5	1082.00	1083.00	1084.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
24 CSVL_6	1126.00	1127.00	1128.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
25 COK1_09	900.00	1090.00	1222.00	1320.00	0.00
SEGMENT CAPACITY LIBRARY					
26 CK1_10	950.00	1090.00	1222.00	1320.00	0.00
SEGMENT CAPACITY LIBRARY					
27 GAVI_1	25.00	73.00	95.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
28 GAVI_2	75.00	204.00	240.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
29 GIEN_5	20.00	121.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
30 GIEN_6	2.00	18.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
31 HYDRAP	70.00	179.00	210.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
32 HYDRIM					

4-Company East Optimization

SEGMENT CAPACITY LIBRARY	70.00	179.00	210.00	0.00	0.00
33 KAM 1 SEGMENT CAPACITY LIBRARY	70.00	179.00	210.00	0.00	0.00
34 KAM 2 SEGMENT CAPACITY LIBRARY	50.00	180.00	200.00	0.00	0.00
35 KAM 3 SEGMENT CAPACITY LIBRARY	50.00	180.00	200.00	0.00	0.00
36 KANA 1 SEGMENT CAPACITY LIBRARY	39.00	67.00	89.00	0.00	0.00
37 KANA 2 SEGMENT CAPACITY LIBRARY	39.00	65.00	86.00	0.00	0.00
38 KYGE 1 SEGMENT CAPACITY LIBRARY	65.00	75.00	85.00	0.00	0.00
39 KYGE 2 SEGMENT CAPACITY LIBRARY	36.00	65.00	86.00	0.00	0.00
40 KYGE 3 SEGMENT CAPACITY LIBRARY	36.00	65.00	86.00	0.00	0.00
41 KYGE 4 SEGMENT CAPACITY LIBRARY	400.00	600.00	655.00	770.00	0.00
42 KYGE 5 SEGMENT CAPACITY LIBRARY	450.00	600.00	672.00	790.00	0.00
43 MITC 1 SEGMENT CAPACITY LIBRARY	600.00	1144.00	1183.00	1314.00	0.00
44 MITC 2 SEGMENT CAPACITY LIBRARY	60.00	174.00	205.00	0.00	0.00
45 NOUN 1 SEGMENT CAPACITY LIBRARY	60.00	174.00	205.00	0.00	0.00
46 MUSK 1 SEGMENT CAPACITY LIBRARY	60.00	183.00	215.00	0.00	0.00
47 MUSK 2 SEGMENT CAPACITY LIBRARY	60.00	183.00	215.00	0.00	0.00
48 MUSK 3 SEGMENT CAPACITY LIBRARY	450.00	540.00	600.00	0.00	0.00
49 MUSK 4 SEGMENT CAPACITY LIBRARY	35.00	120.00	150.00	0.00	0.00
50 MUSK 5 SEGMENT CAPACITY LIBRARY	35.00	120.00	150.00	0.00	0.00
51 PSPN 1 SEGMENT CAPACITY LIBRARY	35.00	120.00	150.00	0.00	0.00
52 PSPN 2 SEGMENT CAPACITY LIBRARY	35.00	120.00	150.00	0.00	0.00
53 PSPN 3 SEGMENT CAPACITY LIBRARY	270.00	360.00	450.00	0.00	0.00

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

CAPACITY SEGMENTS	1	2	3	4	5
SEGMENT CAPACITY LIBRARY					
54 PSPN 4					
SEGMENT CAPACITY LIBRARY	10.00	80.00	100.00	0.00	0.00
55 PSPN 5					
SEGMENT CAPACITY LIBRARY	1.00	26.00	0.00	0.00	0.00
56 PTCW 5					
SEGMENT CAPACITY LIBRARY	370.00	553.00	829.00	1105.00	0.00
57 RACINE					
SEGMENT CAPACITY LIBRARY	305.00	605.00	845.00	1105.00	0.00
58 ROCK 11M					
SEGMENT CAPACITY LIBRARY	10.00	586.00	0.00	0.00	0.00
59 ROCK 21M					
SEGMENT CAPACITY LIBRARY	85.00	121.00	151.00	0.00	0.00
60 SWITHM					
SEGMENT CAPACITY LIBRARY	85.00	121.00	151.00	0.00	0.00
61 STUA_1					
SEGMENT CAPACITY LIBRARY	85.00	121.00	151.00	0.00	0.00
62 STUA_2					
SEGMENT CAPACITY LIBRARY	85.00	121.00	151.00	0.00	0.00
63 STUA_3					
SEGMENT CAPACITY LIBRARY	400.00	524.00	582.00	0.00	0.00
64 STUA_4					
SEGMENT CAPACITY LIBRARY	50.00	116.00	145.00	0.00	0.00
65 MRS_SI					
SEGMENT CAPACITY LIBRARY	50.00	116.00	145.00	0.00	0.00
66 TANN 1					
SEGMENT CAPACITY LIBRARY	65.00	174.00	205.00	0.00	0.00
67 TANN 2					
SEGMENT CAPACITY LIBRARY	200.00	440.00	500.00	0.00	0.00
68 TANN 3					
SEGMENT CAPACITY LIBRARY	165.00	290.00	330.00	0.00	0.00
69 TANN 4					
SEGMENT CAPACITY LIBRARY	84.00	127.00	212.00	0.00	0.00
70 Z1M1_1					
SEGMENT CAPACITY LIBRARY	268.00	536.00	715.00	0.00	0.00
71 REPOW					
SEGMENT CAPACITY LIBRARY	25.00	38.00	50.00	0.00	0.00
72 PREMNT					
SEGMENT CAPACITY LIBRARY	500.00	600.00	646.00	760.00	0.00
73 DSTCT					
SEGMENT CAPACITY LIBRARY	141.00	268.00	335.00	0.00	0.00
74 BIGS2L					
SEGMENT CAPACITY LIBRARY	325.00	496.00	620.00	0.00	0.00
75 CSVL4C					
SEGMENT CAPACITY LIBRARY	141.00	268.00	335.00	0.00	0.00
76 CARD3D					
SEGMENT CAPACITY LIBRARY	430.00	860.00	1290.00	1717.00	0.00
77 CSVL4D					
SEGMENT CAPACITY LIBRARY	100.00	230.00	270.00	0.00	0.00
78 NUCLEAR					
SEGMENT CAPACITY LIBRARY	100.00	230.00	270.00	0.00	0.00
79 BS1_09					
SEGMENT CAPACITY LIBRARY	315.00	635.00	0.00	0.00	0.00
80 BS1_P					
SEGMENT CAPACITY LIBRARY	207.00	438.00	0.00	0.00	0.00
81 IGCCS					
SEGMENT CAPACITY LIBRARY	219.00	442.00	0.00	0.00	0.00
82 CCS					
SEGMENT CAPACITY LIBRARY	1175.00	1176.00	1177.00	0.00	0.00
83 PCS					
SEGMENT CAPACITY LIBRARY	60.00	200.00	235.00	0.00	0.00
84 COK1_11					
SEGMENT CAPACITY LIBRARY	500.00	800.00	1056.00	1251.00	0.00
85 CR_P					

4-Company East Optimization

SEGMENT CAPACITY LIBRARY	500.00	800.00	1040.00	1232.00	0.00
96 RK_1 SEGMENT CAPACITY LIBRARY	500.00	800.00	1084.00	1266.00	0.00
87 RK1_B SEGMENT CAPACITY LIBRARY	500.00	800.00	1068.00	1266.00	0.00
88 RK_2 SEGMENT CAPACITY LIBRARY	300.00	440.00	500.00	0.00	0.00
89 RK_B SEGMENT CAPACITY LIBRARY	1105.00	1106.00	1107.00	0.00	0.00
90 TNE4_O SEGMENT CAPACITY LIBRARY	1105.00	1106.00	1107.00	0.00	0.00
91 COK2_09 SEGMENT CAPACITY LIBRARY	1119.00	1120.00	1121.00	0.00	0.00
92 CK2_1011 SEGMENT CAPACITY LIBRARY	1209.00	1210.00	1211.00	0.00	0.00
93 COK2_12 SEGMENT CAPACITY LIBRARY	135.00	180.00	0.00	0.00	0.00
94 CK2_1314 SEGMENT CAPACITY LIBRARY	84.00	86.00	0.00	0.00	0.00
95 RHILIS SEGMENT CAPACITY LIBRARY	83.00	85.00	0.00	0.00	0.00
96 CEREDO SEGMENT CAPACITY LIBRARY	600.00	1089.00	1130.00	1256.00	0.00
97 DARBY SEGMENT CAPACITY LIBRARY	1171.00	1172.00	1173.00	0.00	0.00
98 MOUN10 SEGMENT CAPACITY LIBRARY	1080.00	1081.00	1082.00	0.00	0.00
99 COK1_12 SEGMENT CAPACITY LIBRARY	1282.00	1283.00	1284.00	0.00	0.00
100 COK1_13 SEGMENT CAPACITY LIBRARY	312.00	468.00	624.00	0.00	0.00
101 COK1_14 SEGMENT CAPACITY LIBRARY	265.00	400.00	531.00	0.00	0.00
102 USCPC SEGMENT CAPACITY LIBRARY	265.00	400.00	531.00	0.00	0.00
103 PC_R_CCS SEGMENT CAPACITY LIBRARY	231.00	341.55	386.10	429.00	0.00
104 PC_N_CCS SEGMENT CAPACITY LIBRARY	318.00	477.00	636.00	0.00	0.00
105 AM3_AP SEGMENT CAPACITY LIBRARY	270.00	406.00	541.00	0.00	0.00
106 IGCC SEGMENT CAPACITY LIBRARY	392.00	588.00	784.00	0.00	0.00

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

CAPACITY SEGMENTS	1	2	3	4	5
SEGMENT CAPACITY LIBRARY					
107 IGC_RCCS	140.00	232.00	480.00	719.00	840.00
SEGMENT CAPACITY LIBRARY					
108 IGC_NCCS	100.00	228.00	270.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
109 WTCC	173.00	175.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
110 BS1_FGD	173.00	175.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
111 ROBT1A	173.00	175.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
112 ROBT2A	34.00	36.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
113 ROBT3A	34.00	36.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
114 ROBT1B	35.00	37.00	0.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
115 ROBT2B	300.00	440.00	500.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
116 ROBT3B	325.00	440.00	500.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
117 TANNA_6	500.00	600.00	655.00	770.00	0.00
SEGMENT CAPACITY LIBRARY					
118 CARD1_8	500.00	600.00	672.00	790.00	0.00
SEGMENT CAPACITY LIBRARY					
119 MITC1_7	600.00	975.00	1013.00	1125.00	0.00
SEGMENT CAPACITY LIBRARY					
120 MITC2_7	425.00	464.00	580.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
121 MOUN1_7	500.00	600.00	659.00	775.00	0.00
SEGMENT CAPACITY LIBRARY					
122 CARD2_8	381.00	572.00	762.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
123 BS2S1	212.00	318.00	424.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
124 ZX1G27EA	309.00	464.00	618.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
125 1x1G27H	100.00	230.00	270.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
126 2x1G27EA	500.00	600.00	659.00	775.00	0.00
SEGMENT CAPACITY LIBRARY					
127 BS1_D	325.00	476.00	595.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
128 BS2_D	325.00	476.00	595.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
129 CD1_D	141.00	268.00	335.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
130 CD2_D	410.00	600.00	659.00	775.00	0.00
SEGMENT CAPACITY LIBRARY					
131 CV4_D	450.00	600.00	672.00	790.00	0.00
SEGMENT CAPACITY LIBRARY					
132 MC1_D	400.00	524.00	591.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
133 MC2_D	400.00	515.00	572.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
134 MRS	500.00	800.00	1019.00	1274.00	0.00
SEGMENT CAPACITY LIBRARY					
135 MRS_D	500.00	800.00	1009.00	1261.00	0.00
SEGMENT CAPACITY LIBRARY					
136 RP1_A	104.00	120.00	150.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
137 RP2_C	700.00	1035.00	1133.00	1259.00	0.00
SEGMENT CAPACITY LIBRARY					
138 ST1234					

4-Company East Optimization

SEGMENT CAPACITY LIBRARY	959.00	993.00	1015.00	1279.00	0.00
139 AM3_SI					
SEGMENT CAPACITY LIBRARY	1281.00	1282.00	1283.00	0.00	0.00
140 RK1_SI					
SEGMENT CAPACITY LIBRARY	1317.00	1318.00	1319.00	0.00	0.00
141 COK1_15					
SEGMENT CAPACITY LIBRARY	1105.00	1106.00	1107.00	0.00	0.00
142 COK1_16					
SEGMENT CAPACITY LIBRARY	959.00	979.00	999.00	1259.00	0.00
143 COOK2_11					
SEGMENT CAPACITY LIBRARY	90.00	176.00	196.00	0.00	0.00
144 RK2_SI					
SEGMENT CAPACITY LIBRARY	510.00	563.13	844.69	1126.25	0.00
145 KANR_A					
SEGMENT CAPACITY LIBRARY	359.00	545.00	818.00	1090.00	0.00
146 ROCK1_17					
SEGMENT CAPACITY LIBRARY	135.00	180.00	0.00	0.00	0.00
147 ROCK2_19					
SEGMENT CAPACITY LIBRARY	312.00	624.00	0.00	0.00	0.00
148 RHILLS					
SEGMENT CAPACITY LIBRARY	200.00	800.00	0.00	0.00	0.00
149 E_PC_SUP					
SEGMENT CAPACITY LIBRARY	134.00	249.00	373.50	498.00	0.00
150 PC_SUB					
SEGMENT CAPACITY LIBRARY	134.00	249.00	373.50	498.00	0.00
151 W_PC_SUP					
SEGMENT CAPACITY LIBRARY	140.00	248.00	516.00	593.00	0.00
152 W_CFB					
SEGMENT CAPACITY LIBRARY	45.00	90.00	0.00	0.00	0.00
153 LMBG_CC					
SEGMENT CAPACITY LIBRARY	128.00	171.00	0.00	0.00	0.00
154 CT_SM					
SEGMENT CAPACITY LIBRARY	1385.00	1386.00	1387.00	0.00	0.00
155 GE7FA					
SEGMENT CAPACITY LIBRARY	315.00	635.00	0.00	0.00	0.00
156 COK1_18					
SEGMENT CAPACITY LIBRARY	393.00	546.00	699.00	852.00	0.00
157 IGCC_A					
SEGMENT CAPACITY LIBRARY	1384.00	1385.00	1386.00	0.00	0.00
158 WTCG					
SEGMENT CAPACITY LIBRARY	1317.00	1318.00	1319.00	0.00	0.00
159 COK1_18					
SEGMENT CAPACITY LIBRARY	1149.00	1150.00	1151.00	0.00	0.00

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

CAPACITY SEGMENTS	1	2	3	4	5
SEGMENT CAPACITY LIBRARY					
160 COK1 19	273.00	499.00	625.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
161 COOK14	336.00	504.00	672.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
162 Dresden	1300.00	1301.00	1302.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
163 CC 2X1FA	1368.00	1369.00	1370.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
164 COK2 15	1300.00	1301.00	1302.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
165 CK21617	382.00	572.00	736.67	0.00	0.00
SEGMENT CAPACITY LIBRARY					
166 CK2_18	700.00	1006.00	1013.00	1125.00	0.00
SEGMENT CAPACITY LIBRARY					
167 AM3 90%	815.00	844.00	863.00	1087.00	0.00
SEGMENT CAPACITY LIBRARY					
168 MTN 90%	815.00	832.00	849.00	1070.00	0.00
SEGMENT CAPACITY LIBRARY					
169 RP1 90%	893.00	927.00	1039.00	1122.00	0.00
SEGMENT CAPACITY LIBRARY					
170 RP2 90%	893.00	927.00	1039.00	1122.00	0.00
SEGMENT CAPACITY LIBRARY					
171 GVID_90%	1187.00	1188.00	1189.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
172 GV2 90%	700.00	1144.00	1157.00	1285.00	0.00
SEGMENT CAPACITY LIBRARY					
173 COK2	295.00	433.00	492.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
174 MT18	500.00	592.00	685.00	777.00	0.00
SEGMENT CAPACITY LIBRARY					
175 TN4 FGD	500.00	596.00	691.00	787.00	0.00
SEGMENT CAPACITY LIBRARY					
176 BS2_#1	500.00	597.00	693.00	790.00	0.00
SEGMENT CAPACITY LIBRARY					
177 BS2_#5	500.00	596.00	692.00	788.00	0.00
SEGMENT CAPACITY LIBRARY					
178 BS2_#22	359.00	545.00	818.00	1090.00	0.00
SEGMENT CAPACITY LIBRARY					
179 BS2_#23	359.00	545.00	818.00	1090.00	0.00
SEGMENT CAPACITY LIBRARY					
180 RP1D_03	357.00	544.00	816.00	1088.00	0.00
SEGMENT CAPACITY LIBRARY					
181 RP1D_04	344.00	536.00	803.00	1071.00	0.00
SEGMENT CAPACITY LIBRARY					
182 RP1D_08	301.00	452.00	602.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
183 RP1D_20	60.00	136.00	212.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					
184 KP_CC_FA	255.00	383.00	510.00	0.00	0.00
SEGMENT CAPACITY LIBRARY					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

CAPACITY SEGMENTS	1	2	3	4
SEGMENT EMISSIONS LIBRARY				
1 AMOS1_11	0.41	0.43	0.43	0.44
SEGMENT EMISSIONS DATA LIBRARY				
2 AMOS2_11	0.40	0.41	0.42	0.43
SEGMENT EMISSIONS DATA LIBRARY				
3 AMOS3_11	0.59	0.65	0.67	0.69
SEGMENT EMISSIONS DATA LIBRARY				
4 BECK_11	0.00	0.00	0.00	0.00
SEGMENT EMISSIONS DATA LIBRARY				
5 BIG_1_11	4.70	10.56	12.49	0.00
SEGMENT EMISSIONS DATA LIBRARY				
6 BIG_2_11	0.39	0.39	0.38	0.38
SEGMENT EMISSIONS DATA LIBRARY				
7 BIG_2_11	0.37	0.37	0.37	0.36
SEGMENT EMISSIONS DATA LIBRARY				
8 CARD1_11	0.40	0.45	0.48	0.00
SEGMENT EMISSIONS DATA LIBRARY				
9 CARD2_11	0.41	0.45	0.48	0.00
SEGMENT EMISSIONS DATA LIBRARY				
10 CARD3_11	0.44	0.49	0.53	0.00
SEGMENT EMISSIONS DATA LIBRARY				
11 CINR1_11	1.68	3.57	4.13	0.00
SEGMENT EMISSIONS DATA LIBRARY				
12 CLNR2_11	1.74	3.60	4.14	0.00
SEGMENT EMISSIONS DATA LIBRARY				
13 CINR3_11	1.70	3.50	4.02	0.00
SEGMENT EMISSIONS DATA LIBRARY				
14 CSVL3_11	3.69	8.84	11.13	0.00
SEGMENT EMISSIONS DATA LIBRARY				
15 CSVL4_11	0.51	0.55	0.56	0.00
SEGMENT EMISSIONS DATA LIBRARY				
16 CSVL5_11	2.96	4.65	5.19	0.00
SEGMENT EMISSIONS DATA LIBRARY				
17 CSVL6_11	2.89	4.54	5.07	0.00
SEGMENT EMISSIONS DATA LIBRARY				
18 GAV1_11	0.65	0.67	0.69	0.70
SEGMENT EMISSIONS DATA LIBRARY				
19 GAV2_11	0.58	0.60	0.61	0.62
SEGMENT EMISSIONS DATA LIBRARY				
20 GIN5_11	4.96	5.46	5.69	0.00
SEGMENT EMISSIONS DATA LIBRARY				
21 GIN6_11	2.93	4.34	4.77	0.00
SEGMENT EMISSIONS DATA LIBRARY				
22 KMR1_11	2.52	2.15	1.98	0.00
SEGMENT EMISSIONS DATA LIBRARY				
23 KMR2_11	2.58	2.17	2.00	0.00
SEGMENT EMISSIONS DATA LIBRARY				
24 KMR3_11	2.45	2.08	1.92	0.00
SEGMENT EMISSIONS DATA LIBRARY				
25 KMRH1_11	2.14	5.69	6.33	0.00
SEGMENT EMISSIONS DATA LIBRARY				
26 KMRH2_11	1.97	4.96	5.49	0.00
SEGMENT EMISSIONS DATA LIBRARY				
27 SP3 SNCR	1.62	2.42	2.73	0.00
SEGMENT EMISSIONS DATA LIBRARY				
28 MTN_18%	0.61	0.70	0.71	0.73
SEGMENT EMISSIONS DATA LIBRARY				
29 MTR_90%	0.69	0.76	0.77	0.79
SEGMENT EMISSIONS DATA LIBRARY				
30 MTRH_11	0.44	0.47	0.48	0.51
SEGMENT EMISSIONS DATA LIBRARY				
31 MTRCH2_11	0.42	0.44	0.46	0.48
SEGMENT EMISSIONS DATA LIBRARY				
32 MATR_11				

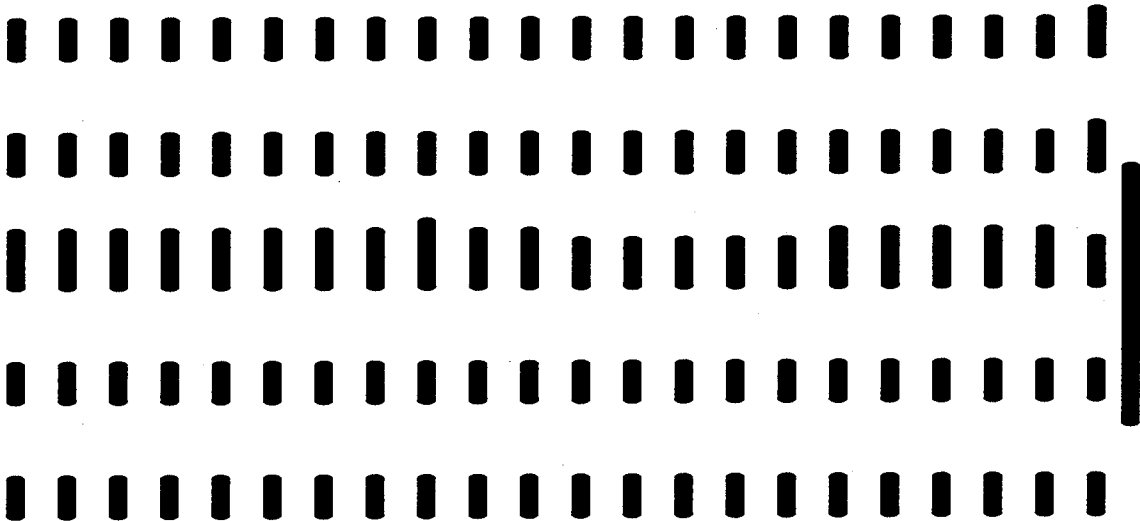
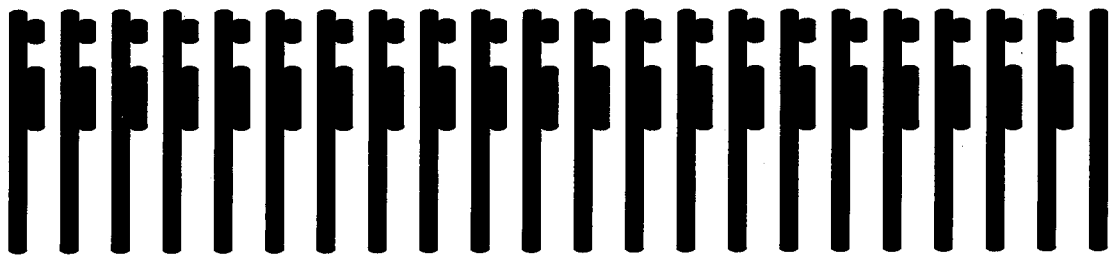
4-Company East Optimization

SEGMENT EMISSIONS DATA LIBRARY	0.61	0.61	0.62	0.64
33 MTR 1 SEGMENT EMISSIONS DATA LIBRARY	0.59	0.68	0.68	0.71
34 MR1_11 SEGMENT EMISSIONS DATA LIBRARY	4.89	8.91	10.15	0.00
35 MR2_11 SEGMENT EMISSIONS DATA LIBRARY	3.77	6.56	7.42	0.00
36 MR3_11 SEGMENT EMISSIONS DATA LIBRARY	3.41	6.12	6.94	0.00
37 MR4_11 SEGMENT EMISSIONS DATA LIBRARY	2.79	5.82	6.77	0.00
38 MR5_11 SEGMENT EMISSIONS DATA LIBRARY	0.54	0.57	0.59	0.00
39 SPRN1_11 SEGMENT EMISSIONS DATA LIBRARY	2.06	3.59	4.21	0.00
40 SPRN2_11 SEGMENT EMISSIONS DATA LIBRARY	1.97	3.46	4.06	0.00
41 SPRN3_11 SEGMENT EMISSIONS DATA LIBRARY	2.04	3.60	4.24	0.00
42 SPRN4_11 SEGMENT EMISSIONS DATA LIBRARY	2.00	3.57	4.20	0.00
43 SPRN5_11 SEGMENT EMISSIONS DATA LIBRARY	3.84	4.91	6.07	0.00
44 PCWY_11 SEGMENT EMISSIONS DATA LIBRARY	4.81	7.11	7.81	0.00
45 ROCK1_11 SEGMENT EMISSIONS DATA LIBRARY	1.76	2.39	2.80	3.24
46 ROCK2_11 SEGMENT EMISSIONS DATA LIBRARY	1.72	2.29	2.63	3.02
47 TNRC1_11 SEGMENT EMISSIONS DATA LIBRARY	2.24	2.93	3.25	0.00
48 TNRC2_11 SEGMENT EMISSIONS DATA LIBRARY	2.36	2.98	3.26	0.00
49 TNRC3_11 SEGMENT EMISSIONS DATA LIBRARY	2.16	3.72	4.16	0.00
50 BS2_FGD SEGMENT EMISSIONS DATA LIBRARY	0.47	1.06	1.25	0.00
51 TNRC4_11 SEGMENT EMISSIONS DATA LIBRARY	1.68	2.17	2.30	0.00
52 CD3_11 SEGMENT EMISSIONS DATA LIBRARY	0.43	0.48	0.52	0.00
53 AM1_FGD SEGMENT EMISSIONS DATA LIBRARY	0.42	0.43	0.43	0.44

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

CAPACITY SEGMENTS	1	2	3	4
SEGMENT EMISSIONS LIBRARY				
54 AM2_FGD SEGMENT EMISSIONS DATA LIBRARY	0.41	0.42	0.42	0.43
55 AM3_FGD SEGMENT EMISSIONS DATA LIBRARY	0.78	0.80	0.83	0.86
56 BS1_SNCR SEGMENT EMISSIONS DATA LIBRARY	2.32	3.86	4.36	0.00
57 BS2_FGD SEGMENT EMISSIONS DATA LIBRARY	0.40	0.40	0.40	0.39
58 CSVA_FGD SEGMENT EMISSIONS DATA LIBRARY	0.56	0.59	0.62	0.00
59 SP4_SNCR SEGMENT EMISSIONS DATA LIBRARY	1.59	2.41	2.73	0.00
60 CSV5_SCR SEGMENT EMISSIONS DATA LIBRARY	0.30	0.47	0.52	0.00
61 CSV6_SCR SEGMENT EMISSIONS DATA LIBRARY	0.29	0.45	0.51	0.00
62 GAV1_CCS SEGMENT EMISSIONS DATA LIBRARY	0.66	0.66	0.68	0.69
63 GAV2_FUP SEGMENT EMISSIONS DATA LIBRARY	0.68	0.68	0.70	0.71
64 GAV2_FUP SEGMENT EMISSIONS DATA LIBRARY	0.77	0.78	0.79	0.80
65 MRS_FGD SEGMENT EMISSIONS DATA LIBRARY	0.47	0.51	0.53	0.00
66 RPI_FGSC SEGMENT EMISSIONS DATA LIBRARY	0.33	0.35	0.35	0.35
67 RP2_FGSC SEGMENT EMISSIONS DATA LIBRARY	0.33	0.35	0.35	0.35
68 TC1_SNCR SEGMENT EMISSIONS DATA LIBRARY	1.68	2.14	2.35	0.00
69 TC2_SNCR SEGMENT EMISSIONS DATA LIBRARY	1.77	2.17	2.36	0.00
70 TC3_SNCR SEGMENT EMISSIONS DATA LIBRARY	1.87	2.57	2.78	0.00



[REDACTED]

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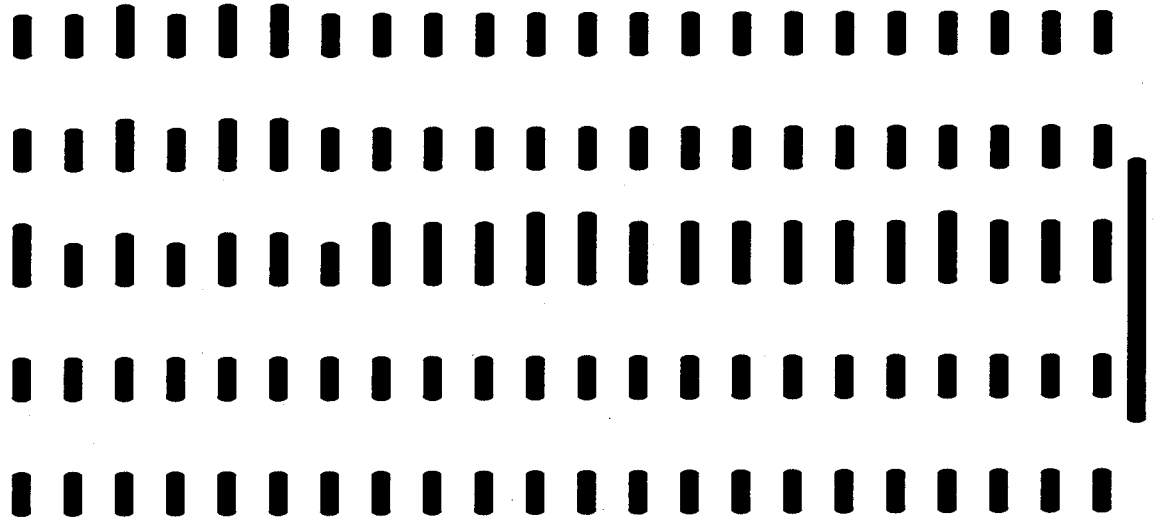
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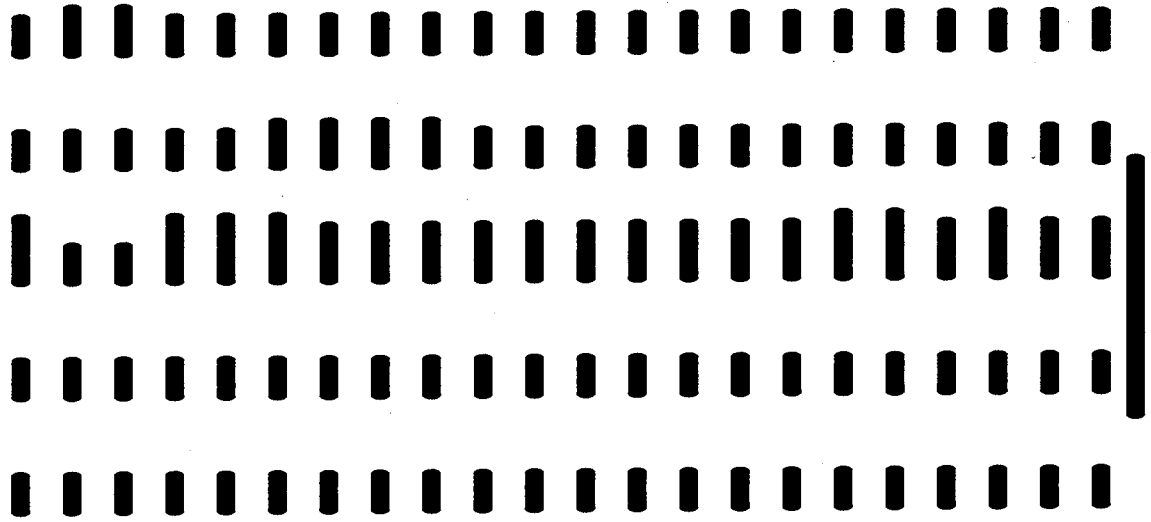
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APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)						
	AMOS 1	AMOS 2	AMOS_OP 3	BRCKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
EFFLUENT THERMAL UNIT	1 SO2 (E)						
	8	9	10	11	12	13	14
	CARD 1+2	CARD 3	CLIFFY 1	CLIFFY 2	CLIFFY 3	CLIFFY 4	CLIFFY 5
	2	3	1	2	3	4	5
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

1 SQ2 (E)

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

YEAR 2016	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.69	0.00
	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.69	0.00
YEAR 2017	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.65	0.00
	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.65	0.00

YEAR 2018

YEAR 2019

YEAR 2020

YEAR 2021

YEAR 2022

YEAR 2023

YEAR 2024

YEAR 2025

YEAR 2026

YEAR 2027

YEAR 2028

YEAR 2029

YEAR 2030

YEAR 2031

YEAR 2032

YEAR 2033

YEAR 2034

YEAR 2035

YEAR 2036

YEAR 2037

YEAR 2038

YEAR 2039

YEAR 2040

1 SQ2 (E)

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

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

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

YEAR	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
PERCENT															
THEMAL UNIT															
	1	SO2 (E)													
		29	30	33	34	35	36	37							
		GLEN IYN	GLEN IYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA							
		5	6	1	2	3	1	2							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0							
YEAR 2011															
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	29	30	33	34	35	36	37
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
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EFFLUENT THERMAL UNIT

1 SO2 (E)

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

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)							
	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT THERMAL UNIT	1 SO2 (E)							
	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DARBY 1	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								

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

EFFLUENT
 THERMAL UNIT

1 SO2 (E)

	82	83	84	85	86	87	88
	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1	SO2 (E)	82	DARBY	83	DARBY	84	DARBY	85	DARBY	86	DARBY	87	88
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														
EFFLUENT THERMAL UNIT	1	SO2 (E)	89	90	91	92	93	94	101					
EMISSIONS DATA AT MAXIMUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00					
EMISSIONS DATA AT MINIMUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00					
EMISSIONS DATA PROFILE			0	0	0	0	0	0	0					
YEAR 2011														
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														

YEAR	1 SO2 (E)	102	103	104	105	106	107	108
	UPC_NCCS	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB	
	1	1	1	1	1	1	1	1
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT								
THERMAL UNIT								
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM								
EMISSIONS DATA AT MINIMUM								
EMISSIONS DATA PROFILE								
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	102	103	104	105	106	107	108
YEAR 2030	UPC_NCCS	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB	
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	1 SO2 (E)	109	110	111	114	115	124	125
YEAR 2011	CC 2X1FB	CC 1X17H	BS2_CC	CT GE7FA	CT GE7EA	BS2_FGD	BS1_FGD	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	1 SO2 (E)	126	127	129	130	131	132	133
YEAR 2011	CSV5_SCR	CSV6_SCR	CRI_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RP1D_TM	
YEAR 2012	5	6	1	2	5	5	1	
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

4-Company East Optimization

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

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

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

1 SO2 (E) 126 127 129 130 131 132 133
 CSV5_SCR 5 CSV6_SCR 6 CRI_NGCC 1 CR2_NGCC 2 MRS_NGCC 5 MRS_FGD 5 RPID_IM 1

YEAR 2040

EFFLUENT
THERMAL UNIT

1 SO2 (E) 134 135 136 137 144 145 146
 RP2D_IM 2 TAN4_FGD 4 RPID_KP 1 RP2D_KP 2 TC4_ESP 4 A390%AP 3 A390%OP 3

YEAR 2011

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

0.00 0.00 0.10 0.62 0.00 0.00 0.00
 0.00 0.00 0.10 0.62 0.00 0.00 0.00
 0 0 0 0 0 0 0

YEAR 2012

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.61 0.00 0.00 0.00
 0.00 0.00 0.10 0.61 0.00 0.00 0.00

YEAR 2013

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.62 0.00 0.00 0.00
 0.00 0.00 0.10 0.62 0.00 0.00 0.00

YEAR 2014

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.62 0.00 0.00 0.00
 0.00 0.00 0.10 0.62 0.00 0.00 0.00

YEAR 2015

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.54 0.00 0.00 0.00
 0.00 0.00 0.10 0.54 0.00 0.00 0.00

YEAR 2016

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.55 0.00 0.00 0.00
 0.00 0.00 0.10 0.55 0.00 0.00 0.00

YEAR 2017

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2018

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2019

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2020

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2021

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2022

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2023

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2024

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2025

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2026

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2027

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2028

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2029

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2030

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2031

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2032

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2033

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2034

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2035

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2036

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2037

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2038

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2039

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

YEAR 2040

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.10 0.52 0.00 0.00 0.00
 0.00 0.00 0.10 0.52 0.00 0.00 0.00

EFFLUENT
THERMAL UNIT

1 SO2 (E) 147 148 149 150 151 153 154
 MTN_90% 1 RPT1_90% 1 RPT2_90% 2 GVL_90% 1 GV2_90% 2 MTN_18% 1 CC_FA_KP 1

YEAR 2011

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

0.00 0.00 0.03 0.02 0.00 0.00 0.00
 0.00 0.00 0.03 0.02 0.00 0.00 0.00
 0 0 0 0 0 0 0

YEAR 2012

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM

0.00 0.00 0.03 0.02 0.00 0.00 0.00
 0.00 0.00 0.03 0.02 0.00 0.00 0.00

-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	EMISSIONS DATA AT MAXIMUM	-----	0.00	0.02	0.02	0.00	0.00	0.00	0.00
-----	EMISSIONS DATA AT MINIMUM	-----	0.00	0.02	0.02	0.00	0.00	0.00	0.00
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	155	156	157	158	159	160	161
	CC_FGCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC AP	PC_UL_AP
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
EFFLUENT THERMAL UNIT	162	163	164	165	166	168	169
	CC_FGCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC AP	PC_UL_AP
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011																		
YEAR 2012																		
YEAR 2013																		
YEAR 2014																		
YEAR 2015																		
YEAR 2016																		
YEAR 2017																		
YEAR 2018																		
YEAR 2019																		

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 502 (E)	170	171	172	173	174	175	176
		Nuke_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP
		1	1	1	1	1	1	1

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

EFFLUENT THERMAL UNIT	1 502 (E)	177	178	179	181	182	183	184
		IGCC OH	PC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20
		1	1	1	1	1	1	1

YEAR 2011	---	0.00	0.00	0.00	0.00	0.09	0.12	0.12
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.09	0.12	0.12
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012	---	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---

YEAR	186	187	188	189	190	191	201
	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TROWA 4	T4_TRCCR 4	
YEAR 2033	0.00	0.00	0.69	0.62	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.69	0.62	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0	0	0	0	0
EMISSIONS DATA PROFILE							
YEAR 2011	0.00	0.00	0.67	0.61	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.67	0.61	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 AT MINIMUM							
YEAR 2012	0.00	0.00	0.70	0.62	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.70	0.62	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 AT MINIMUM							
YEAR 2013	0.00	0.00	0.70	0.62	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.70	0.62	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 AT MINIMUM							
YEAR 2014	0.00	0.00	0.70	0.62	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.70	0.62	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 AT MINIMUM							
YEAR 2015	0.00	0.00	0.61	0.54	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.61	0.54	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 AT MINIMUM							
YEAR 2016	0.00	0.00	0.61	0.55	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.61	0.55	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 AT MINIMUM							
YEAR 2017	0.00	0.00	0.59	0.52	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.59	0.52	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 AT MINIMUM							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TROWA 4	191 T4_TRCCR 4	201
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								

EMISSIONS DATA AT MAXIMUM EMISSIONS DATA AT MINIMUM	0.00	0.00	0.52	0.52	0.00	0.00	0.00	0.00
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	1 SO2 (E)	223 MR_STRK1 1	224 MR_STRK2 1	228 AMS3_SI 3	229 BS2_SI 2	230 MR5_CF 5	231 MR5_SI 5	232 RPT1_CF 1
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.88
YEAR 2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								

EMISSIONS DATA AT MAXIMUM EMISSIONS DATA AT MINIMUM EMISSIONS DATA PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.88
YEAR 2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								

YEAR	2036	2037	2038	2039	2040	1 S02 (E)								
REFLUENT THERMAL UNIT								RPT2_CF 2	RPT1_ST 1	RPT2_ST 2	DC1_HFR 1	DC1_IS 1	DC1_BFR 1	DC1_IT 1
EMISSIONS DATA AT MAXIMUM	0.88	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011														
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
EMISSIONS DATA AT MAXIMUM	0.88	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

1 SO2 (B)		233	234	235	251	252	253	254
		RPM2_CF	RPT1_ST	RPT2_ST	DC1_HPT	DC1_IS	DC1_EFF	DC1_17
		2	1	2	1	1	1	1
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---

EFFLUENT
THERMAL UNIT

1 SO2 (B)		255	257	258	259	260	269	270
		DC1_3800	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP
		1	2	2	2	2	1	1
---	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2013	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---

EFFLUENT
THERMAL UNIT

1 SO2 (B)		271	272	273	274	275	276	277
		CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CVL_3_HM
		1	1	2	2	3	3	3
---	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2013	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

1 SO2 (B)		271	272	273	274	275	276	277
		CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CVL_3_HM
		1	1	2	2	3	3	3
---	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
---	YEAR 2013	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	278 CVL_3_10 3	279 GLN_5_HM 5	280 GLN_5_15 5	281 GLN_6_HM 6	282 GLN_6_15 6	283 KWR_F_HM 1	284 KWR_F_GP 1
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT THERMAL UNIT	1 SO2 (E)	285 KWR_F_HM 2	286 KWR_F_GP 2	287 KWR_F_HM 3	288 KWR_F_GP 3	289 KWA_1_HM 1	290 KWA_1_15 1	291 KWA_2_HM 2
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT	1	SO2 (E)							
THERMAL UNIT									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
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	1	SO2 (E)							
THERMAL UNIT									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

MSKR4_GP	299	M4HR_12	300	P1CWX_HM	301	P1CWX_GP	302	SP1_F_HM	303	SP1_F_15	304	SP2_F_HM	305
	4		4		5		5		1		1		2
	0.00		0.00		0.00		0.00		0.00		0.00		0.00
	0		0		0		0		0		0		0

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
EFFLUENT THERMAL UNIT								
	1	SO2	(E)					
	306	SP2_F_15	2	307	SP3_Q_HM	3	308	SP3_Q_15
	309	SP4_Q_HM	4	310	SP4_Q_15	4	311	SP5_HM
	312	SP5_15	5					
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2011	---	---	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---

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

ABE EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)	306	307	308	309	310	311	312
	SP2_F_15_2	SP3_Q_HM_3	SP3_Q_15_3	SP4_Q_HM_4	SP4_Q_15_4	SP5_HM_5	SP5_15_5	
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	1 SO2 (E)	313	314	315	316	317	318	319
	TNR_F_HM_1	TNR_F_15_1	TNR_F_HM_2	TNR_F_15_2	TNR_F_HM_3	TNR_F_15_3	PW_GP_15_5	
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	1 SO2 (E)	320	364	500	501	502	503	958
	RH115_1	DUMM_OP_0	DUMM_TA_0	DUMM_AP_0	DUMM_KP_0	CC_KPCO		
YEAR 2011		320	364	500	501	502	503	958
YEAR 2012		320	364	500	501	502	503	958
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

4-Company East Optimization

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		1 SO2 (E)									
YEAR 2040		320	364	500	501	502	503	958			959
		RHills 1		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_XPCO			
		1	0	0	0	0	0	958			
EFFLUENT THERMAL UNIT											
YEAR 2011											
EMISSIONS DATA AT MAXIMUM		0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0	0	0	0
YEAR 2012											
EMISSIONS DATA AT MAXIMUM		0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013											
EMISSIONS DATA AT MAXIMUM		0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014											
EMISSIONS DATA AT MAXIMUM		0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015											
EMISSIONS DATA AT MAXIMUM		0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016											
EMISSIONS DATA AT MAXIMUM		0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017											
EMISSIONS DATA AT MAXIMUM		0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
EFFLUENT THERMAL UNIT											
YEAR 2011											
EMISSIONS DATA AT MAXIMUM		0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0	0	0	0
YEAR 2012											

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

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF_INPUF.THERMAL UNIT.

EFFLUENT THERMAL UNIT	1 SO2 (E)									
	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979	980 DUMMY_OP 980	981 DUMMY_OP 981	982 DUMMY_OP 982
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EFFLUENT THERMAL UNIT	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	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

EFFLUENT
 THERMAL UNIT

1 SO2 (E)

	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 -----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

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

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

EFFLUENT THERMAL UNIT

1 SO2 (E)

	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	T4_TROVA	RP2TR_KP	RP2TR_IM	DUMMY_OP
	994	995	996	997	998	999

YEAR 2011	0.00	0.00	0.00	0.62	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.62	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0
EMISSIONS DATA PROFILE						
YEAR 2012	0.00	0.00	0.00	0.61	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.61	0.00	0.00
EMISSIONS DATA AT MINIMUM						
YEAR 2013	0.00	0.00	0.00	0.62	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.62	0.00	0.00
EMISSIONS DATA AT MINIMUM						
YEAR 2014	0.00	0.00	0.00	0.62	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.62	0.00	0.00
EMISSIONS DATA AT MINIMUM						
YEAR 2015	0.00	0.00	0.00	0.54	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.54	0.00	0.00
EMISSIONS DATA AT MINIMUM						
YEAR 2016	0.00	0.00	0.00	0.55	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.55	0.00	0.00
EMISSIONS DATA AT MINIMUM						
YEAR 2017	0.00	0.00	0.00	0.52	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.52	0.00	0.00
EMISSIONS DATA AT MINIMUM						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

YEAR	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2012	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2013	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2014	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2015	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2016	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2017	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2018	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2019	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2020	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2021	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2022	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40
YEAR 2023	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40	208.40

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKFORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2
YEAR 2024		1	2	3	4	5	6	7
YEAR 2025		1	2	3	4	5	6	7
YEAR 2026		1	2	3	4	5	6	7
YEAR 2027		1	2	3	4	5	6	7
YEAR 2028		1	2	3	4	5	6	7
YEAR 2029		1	2	3	4	5	6	7
YEAR 2030		1	2	3	4	5	6	7
YEAR 2031		1	2	3	4	5	6	7
YEAR 2032		1	2	3	4	5	6	7
YEAR 2033		1	2	3	4	5	6	7
YEAR 2034		1	2	3	4	5	6	7
YEAR 2035		1	2	3	4	5	6	7

EFFLUENT THERMAL UNIT

YEAR	2 CO2 (S)	8 CARD 1+2	9 CARD 3	10 CLIFTY 1	11 CLIFTY 2	12 CLIFTY 3	13 CLIFTY 4	14 CLIFTY 5
YEAR 2011		209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		209.93	205.45	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012		209.93	209.93	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		209.93	209.93	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
YEAR 2013		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2014		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2015		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2016		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2017		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2018		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2019		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2020		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2021		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2022		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2023		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2024		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2025		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2026		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2027		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2028		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2029		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2030		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2031		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2032		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2033		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2034		209.93	209.93	0.00	0.00	0.00	0.00	0.00
YEAR 2035		209.93	209.93	0.00	0.00	0.00	0.00	0.00

YEAR	2036	2037	2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
EMISSIONS DATA AT MAXIMUM						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM						205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30
EMISSIONS DATA PROFILE						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFFLUENT THERMAL UNIT						15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
CLIFFY 6						6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
CLINCH R 1						16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
CLINCH R 2						17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
CLINCH R 3						18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
ROCKP_KP 1						19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
ROCKP_KP 2						20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
CSVL 1 4						21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	15	16	17	18	19	20	21
YEAR 2033	CLIFFY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3	
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	22	23	24	25	26	27	28
YEAR 2011	CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2	
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	
EMISSIONS DATA PROFILE	208.40	210.66	210.66	0.00	0.00	205.30	205.30	
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	
EMISSIONS DATA PROFILE	208.40	210.66	210.66	0.00	0.00	205.30	205.30	
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	29	30	33	34	35	36	37
YEAR 2011	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2	

4-Company East Optimization

EMISSIONS DATA AT MAXIMUM	205.30	205.30	208.26	208.26	208.26	205.30	205.30
EMISSIONS DATA AT MINIMUM	205.30	205.30	208.26	208.26	208.26	205.30	205.30
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							
----- YEAR 2037 -----							
----- YEAR 2038 -----							
----- YEAR 2039 -----							
----- YEAR 2040 -----							

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

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)		38		39		40		41		42		43		44	
	KYGER	1	KYGER	2	KYGER	3	KYGER	4	KYGER	5	MITCHELL	1	MITCHELL	2		
YEAR 2011																
EMISSIONS DATA AT MAXIMUM	0.00		0.00		0.00		0.00		0.00		0.00		208.77		208.77	
EMISSIONS DATA AT MINIMUM	0.00		0.00		0.00		0.00		0.00		0.00		208.77		208.77	
EMISSIONS DATA PROFILE	0		0		0		0		0		0		0		0	
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																
YEAR 2017																
YEAR 2018																
YEAR 2019																
YEAR 2020																
YEAR 2021																
YEAR 2022																
YEAR 2023																
YEAR 2024																
YEAR 2025																
YEAR 2026																
YEAR 2027																
YEAR 2028																
YEAR 2029																
YEAR 2030																
YEAR 2031																
YEAR 2032																
YEAR 2033																
YEAR 2034																
YEAR 2035																
YEAR 2036																
YEAR 2037																
YEAR 2038																
YEAR 2039																
YEAR 2040																
EFFLUENT THERMAL UNIT	2 CO2 (S)		45	46	47	48	49	50	51							
	MOUNT	R	MUSK	RVR	MUSK	RVR	MUSK	RVR	MUSK	RVR	MUSK	RVR	MUSK	RVR	P	SPORN
YEAR 2011	45	1	46	1	47	2	48	3	49	4	50	5	51	1		
EMISSIONS DATA AT MAXIMUM	208.38		205.30		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		205.30	
EMISSIONS DATA PROFILE	0		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		205.30	
EMISSIONS DATA AT MINIMUM	209.88		205.30		205.30		205.30		205.30		205.30		205.30		205.30	
EMISSIONS DATA PROFILE	0		0		0		0		0		0		0		0	
YEAR 2013																
EMISSIONS DATA AT MAXIMUM	208.38		205.30		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		205.30	
EMISSIONS DATA PROFILE	0		0		0		0		0		0		0		0	

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

REFUEMENT THERMAL UNIT	2 CO2 (S)	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	
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 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----

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

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	52	53	54	55	56	57	58
	P SPOBN	P SPOBN	P SPOBN	P SPOBN	P SPOBN	PICKWAY	RPRET_IM	RPRUN_IM
	2	3	4	5	5	5	_1	_1

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

EFFLUENT THERMAL UNIT	2 CO2 (S)	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
	2	1	2	3	4	3	3	1

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM 211.74 209.93 209.93 209.93 209.93 209.93 208.40 205.30
 EMISSIONS DATA AT MINIMUM 211.74 209.93 209.93 209.93 209.93 209.93 208.40 205.30
 EMISSIONS DATA PROFILE 0 0 0 0 0 0 0 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	67	68	69	70	71	72	73
	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTWONE	ROBTWONE	ROBTWONE	ROBTWONE
	2	3	4	1	1	2	3	
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	75	76	77	78	79	80	81
	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
	1	2	3	4	5	6		1
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
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YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
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YEAR 2030								
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YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

4-Company East Optimization

EFFLUENT THERMAL UNIT	2 CO2 (S)		DARBY 2		DARBY 3		DARBY 4		DARBY 5		DARBY 6		IMBG WIN 1		IMBG WIN 2	
	YEAR 2011	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE			0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																
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YEAR 2030																
YEAR 2031																
YEAR 2032																
YEAR 2033																
YEAR 2034																
YEAR 2035																
YEAR 2036																
YEAR 2037																

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

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT
 2 CO2 (S)
 DABBY 2 DABBY 3 DABBY 4 DABBY 5 DABBY 6 LMBG WIN 1 LMBG WIN 2

YEAR 2038
 YEAR 2039
 YEAR 2040

EFFLUENT THERMAL UNIT
 2 CO2 (S)
 LMBG SMR 1 LMBG SMR 2 WATR CC 1 WATR2 1 DRESDEN 1 DRESD2 1 NUCLEAR 1

YEAR 2011
 YEAR 2012
 YEAR 2013
 YEAR 2014
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 YEAR 2017
 YEAR 2018
 YEAR 2019
 YEAR 2020
 YEAR 2021
 YEAR 2022
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 YEAR 2028
 YEAR 2029
 YEAR 2030
 YEAR 2031
 YEAR 2032
 YEAR 2033
 YEAR 2034
 YEAR 2035
 YEAR 2036
 YEAR 2037
 YEAR 2038
 YEAR 2039
 YEAR 2040

EFFLUENT THERMAL UNIT
 2 CO2 (S)
 UPC_NCCS 1 PC_UL_SU 1 UPC_RCCS 1 IGC_NCCS 1 IGCC GE 1 IGC_RCCS 1 CC 2X1PB 1

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

-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----	20.53	205.30	20.53	20.53	205.30	20.53	0.00
-----	EMISSIONS DATA AT MAXIMUM	-----							
-----	EMISSIONS DATA AT MINIMUM	-----	20.53	205.30	20.53	20.53	205.30	20.53	0.00
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
-----	YEAR 2011	-----							
-----	EMISSIONS DATA AT MAXIMUM	-----	0.00	0.00	0.00	0.00	0.00	206.85	205.30
-----	EMISSIONS DATA AT MINIMUM	-----	0.00	0.00	0.00	0.00	0.00	206.85	205.30
-----	EMISSIONS DATA PROFILE	-----	0	0	0	0	0	0	0
-----	YEAR 2012	-----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)													
	109 CC 2x1FA 1	110 CC 1x17H 1	111 BS2_CC 1	114 CR GE7FA 1	115 CT_GE7EA 1	124 BS2_FGD 2	125 BS1_FGD 1	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_NGOC 1	130 CR2_NGOC 2	131 MRS_NGOC 5	132 MRS_FGD 5	133 RPID_TM 1
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
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YEAR 2030														
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YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														
EFFLUENT THERMAL UNIT														
YEAR 2011														
EMISSIONS DATA AT MAXIMUM	210.66	210.66	0.00	0.00	0.00	205.30	212.58							
EMISSIONS DATA AT MINIMUM	210.66	210.66	0.00	0.00	0.00	205.30	212.58							
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0							
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
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YEAR 2026										
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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										
EPFLUENT										
THERMAL UNIT										
	2	CO2 (S)								
YEAR 2011	134	RP2D_IM	135	RP1D_KP	137	TC4_ESP	145	A390%AP	146	A390%OP
EMISSIONS DATA AT MAXIMUM	212.58		212.03	212.58	212.58	211.22	20.52	20.52		
EMISSIONS DATA AT MINIMUM	212.58		212.03	212.58	212.58	211.22	20.52	20.52		
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										

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	134	135	136	137	144	145	146
	RP2D_IM	TANA_FGD	RPID_KP	RP2D_KP	TC4_ESP	A3908 AP	A3908OP	
	2	4	1	2	4	3	3	
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	147	148	149	150	151	153	154
	MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%	CC_FA_KP	
	1	1	2	1	2	1	1	1
YEAR 2011	26.48	19.04	19.04	20.53	20.64	177.79	0.00	
EMISSIONS DATA AT MAXIMUM	26.48	19.04	19.04	20.53	20.64	177.79	0.00	
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
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YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
EMISSIONS DATA AT MAXIMUM	159	156	157	158	159	160	161															
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00															
EMISSIONS DATA PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00															
YEAR 2011	159	156	157	158	159	160	161															
YEAR 2012	1	1	1	1	1	1	1															
YEAR 2013																						
YEAR 2014																						
YEAR 2015																						
YEAR 2016																						
YEAR 2017																						
YEAR 2018																						
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YEAR 2020																						
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YEAR 2026																						
YEAR 2027																						
YEAR 2028																						
YEAR 2029																						
YEAR 2030																						
YEAR 2031																						
YEAR 2032																						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		2 CO2 (S)		155		156		157		158		159		160		161	
		CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_APCO	CC_APCO	CT_KPCO									
YEAR 2033	-----	1	1	1	1	1	1	1									
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

EFFLUENT THERMAL UNIT		2 CO2 (S)		162		163		164		165		166		168		169	
		CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC_AP	IGCC_AP	FC_UL_AP							
YEAR 2011	-----	1	1	5	22	23	1	1	1	1							
EMISSIONS DATA AT MAXIMUM		0.00	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30							
EMISSIONS DATA AT MINIMUM		0.00	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30							
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0	0	0							
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																
YEAR 2019	-----																
YEAR 2020	-----																
YEAR 2021	-----																
YEAR 2022	-----																
YEAR 2023	-----																
YEAR 2024	-----																
YEAR 2025	-----																
YEAR 2026	-----																
YEAR 2027	-----																
YEAR 2028	-----																
YEAR 2029	-----																
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

EFFLUENT THERMAL UNIT		2 CO2 (S)		170		171		172		173		174		175		176	
		NUKE_AP	IGCC_IM	FC_UL_IM	NUKE_IM	IGCC_KP	FC_UL_KP	NUKE_KP									
YEAR 2011	-----	1	1	1	1	1	1	1									
EMISSIONS DATA AT MAXIMUM		0.00	205.30	205.30	0.00	205.30	205.30	0.00									
EMISSIONS DATA AT MINIMUM		0.00	205.30	205.30	0.00	205.30	205.30	0.00									
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0									

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
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----- YEAR 2030 -----
----- YEAR 2031 -----
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----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)	177 IGCC OH 1	178 FC_UL_OH 1	179 NUKE OH 1	181 RPID_03 1	182 RPID_04 1	183 RPID_08 1	184 RPID_20 1
YEAR 2011	205.30	205.30	205.30	0.00	212.58	212.58	212.58	212.58
EMISSIONS DATA AT MAXIMUM	205.30	205.30	205.30	0.00	212.58	212.58	212.58	212.58
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								

EFFLUENT THERMAL UNIT	2 CO2 (\$)	186 RP1TR_1M 1	187 RP2TR_1M 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TROWA 4	191 T4_TRCCR 4	201
YEAR 2011	211.74	211.74	211.74	211.74	211.74	211.22	211.22	0.00
EMISSIONS DATA AT MAXIMUM	211.74	211.74	211.74	211.74	211.74	211.22	211.22	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								

EFFLUENT THERMAL UNIT	2 CO2 (\$)	186 RP1TR_1M 1	187 RP2TR_1M 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TROWA 4	191 T4_TRCCR 4	201
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	223	224	228	BS2_SI	229	MR5_CF	230	MR5_SI	231	RPT1_CF	232
		MR_STKR1	MR_STKR2	AMS3_SI								
		1	1	3	2		5	5	5			1

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

EFFLUENT THERMAL UNIT	2 CO2 (S)	233	234	235	DC1_HPT	251	DC1_IS	252	DC1_EFF	253	DC1_L7	254
		RPT2_CF	RPT1_ST	RPT2_SI								
		2	1	2	1	1	1	1	1	1	1	1
		207.41	190.41	190.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		207.41	190.41	190.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	DC1_3800	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP
YEAR 2030	255	1	2	2	2	2	1	1
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	CLN_Q_HM	CLN_Q_15	CLN_Q_HM	CLN_Q_15	CLN_Q_HM	CLN_Q_15	CVL_3_HM
YEAR 2011	271	1	1	2	2	3	3	3
YEAR 2012	205.30	0	0	0	0	0	0	0
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
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YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	CVL_3_10	GLN_5_HM	GLN_5_15	GLN_6_HM	GLN_6_15	KMR_F_HM	KMR_F_GP
YEAR 2011	278	3	5	5	6	6	1	1
YEAR 2012	205.30	0	0	0	0	0	0	0
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
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YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

4-Company East Optimization

YEAR 2011	205.30	205.30	205.30	205.30	205.30	207.98	207.98
EMISSIIONS DATA AT MAXIMUM	205.30	205.30	205.30	205.30	205.30	207.98	207.98
EMISSIIONS DATA AT MINIMUM	205.30	205.30	205.30	205.30	205.30	207.98	207.98
EMISSIIONS DATA PROFILE	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
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YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		2 CO2 (S)		292		293		294		295		296		297		298												
YEAR 2040		CYL_3_10	GIN_5_5	GIN_5_15	GIN_6_6	GIN_6_15	KMR_F_HM	KMR_F_GP	KMR_F_HM	KMR_F_GP	KWA_1_HM	KWA_1_15	KWA_2_HM	KWA_2_15	KWA_3_GP	MR3HM_12												
278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294												
207.98	207.98	207.98	207.98	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30												
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
EFFLUENT THERMAL UNIT		2 CO2 (S)		292		293		294		295		296		297		298												
YEAR 2011		KMR_F_HM	KMR_F_GP	KMR_F_HM	KMR_F_GP	KWA_1_HM	KWA_1_15	KWA_2_HM	KWA_2_15	KWA_3_GP	MR3HM_12																	
EMISSIONS DATA AT MAXIMUM		207.98	207.98	207.98	207.98	205.30	205.30	205.30	205.30	205.30	205.30																	
EMISSIONS DATA AT MINIMUM		207.98	207.98	207.98	207.98	205.30	205.30	205.30	205.30	205.30	205.30																	
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0	0	0	0																	
YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
EFFLUENT THERMAL UNIT		2 CO2 (S)		292		293		294		295		296		297		298												
YEAR 2011		KWA_2_15	MSKR1_HM	MSKR1_12	MSKR2_HM	MSKR2_12	MSKR3_GP	MR3HM_12																				
EMISSIONS DATA AT MAXIMUM		205.30	205.30	205.30	205.30	205.30	205.30	205.30																				
EMISSIONS DATA AT MINIMUM		205.30	205.30	205.30	205.30	205.30	205.30	205.30																				
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0																				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

2 CO2 (S)	299	300	301	302	303	304	305
MSKR4_GP	MATH_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_2	

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

2 CO2 (S)	306	307	308	309	310	311	312
SP2_F_15_2	SP3_O_HM_3	SP3_O_15_3	SP4_O_HM_4	SP4_O_15_4	SP5_HM_5	SP5_15_5	
205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30
0	0	0	0	0	0	0	0

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

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

EFFLUENT
THERMAL UNIT

YEAR	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30
EMISSIONS DATA AT MINIMUM	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30	205.30
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011												
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (\$)	313 TNR_F_HM 1	314 TNR_F_15 1	315 TNR_F_HM 2	316 TNR_F_15 2	317 TNR_F_HM 3	318 TNR_F_15 3	319 PW_GP_15 5
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
REFUELER THERMAL UNIT	2 CO2 (\$)							
YEAR 2011		320	364	500	501	502	503	958
EMISSIONS DATA AT MAXIMUM		RHills 1	0	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	CC_KPCO 958
EMISSIONS DATA AT MINIMUM		116.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		116.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012		0	0	0	0	0	0	0
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

YEAR 2039	YEAR 2040	2 CO2 (\$)	959	960	961	962	963	964	965
REFUELER THERMAL UNIT									
EMISSIONS DATA AT MAXIMUM									
EMISSIONS DATA AT MINIMUM									
EMISSIONS DATA PROFILE									
YEAR 2011		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2012		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2013		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2014		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2015		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2016		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2017		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2018		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2019		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2020		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2021		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2022		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2023		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2024		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2025		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2026		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2027		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2028		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2029		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2030		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2031		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2032		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2033		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2034		212.58	212.58	210.66	210.66	0.00	0.00	212.58	
YEAR 2035		212.58	212.58	210.66	210.66	0.00	0.00	212.58	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL_UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	959	960	961	962	963	964	965
	RP2D_KP	RP2D_IM	CSV6_SCR	CSV5_SCR	DUMM_OP	DUMM_OP	DUMM_OP	RP1D_O3
	959	960	961	962	963	964	964	965

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

EFFLUENT THERMAL UNIT	2 CO2 (S)	966	967	968	969	970	971	972
	RP1D_KP	BS2_FGD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMM_OP	DUMM_OP	DUMM_OP
	966	967	968	969	970	971	971	972

----- YEAR 2011 -----
 EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE
 212.58 205.30 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 212.58 205.30 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 0 0 0 0 0 0 0 0 0

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

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

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

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

EFFLUENT THERMAL UNIT	2 CO2 (S)	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
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.

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	2 CO2 (S)	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 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	2 CO2 (S)	987 DUMMY_OP 987	988 DUMMY_OP 988	989 DUMMY_OP 989	990 DUMMY_OP 990	991 DUMMY_OP 991	992 DUMMY_OP 992	993 DUMMY_OP 993
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								

EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELT THERMAL UNIT	2 CO2 (S)	994	995	996	997	998	999
	DUMMY_OP	DUMMY_OP	T4_TIRONA	RP2TR_KP	RP2TR_TM	DUMMY_OP	
	994	995	996	997	998	999	

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

REFUELT THERMAL UNIT	3 CO2 (G)	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CAND	
	1	2	3	6	1	2	1+2	
	1	2	3	6	1	2	1	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	
	0	0	0	0	0	0	0	

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

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

EFFLUENT THERMAL UNIT	3 CO2 (g)	15 CLIFTY 6	16 CLINCH_R 1	17 CLINCH_R 2	18 CLINCH_R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (g)	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								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)		39		40		41		42		43		44	
	29 GLEN LN 5	30 GLEN LN 6	KAMMER 1	KAMMER 2	KAMMER 3	KAMMER 4	KAMMER 5	MITCHELL 1	MITCHELL 2	MITCHELL 1	MITCHELL 2	MITCHELL 1	MITCHELL 2	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0	
EMISSIONS DATA PROFILE														
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														
EFFLUENT THERMAL UNIT														
YEAR 2011														
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														

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

EFFLUENT THERMAL UNIT		3 CO2 (G)		45		46		47		48		49		50		51	
		MOUNT		MUSK		MUSK		MUSK		MUSK		MUSK		MUSK		P SPORN	
		_ER		RVR		RVR		RVR		RVR		RVR		RVR		_1	
-----	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-----	EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-----	EMISSIONS DATA PROFILE																
-----	YEAR 2012																
-----	YEAR 2013																
-----	YEAR 2014																
-----	YEAR 2015																
-----	YEAR 2016																
-----	YEAR 2017																
-----	YEAR 2018																
-----	YEAR 2019																

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

EFFLUENT									
THERMAL UNIT									
	3 CO2 (G)	52	53	54	55	56	57	58	
	P SPORN	2	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT_IM	RPRUN_IM	
			3	4	5	5	1	1	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		0	0	0	0	0	0	0	

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

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM								
EMISSIONS DATA AT MINIMUM								
EMISSIONS DATA PROFILE								
YEAR 2011	3	59	61	62	63	64	65	66
EFFLUENT THERMAL UNIT	ROCKP_IM 2	STUART 1	STUART 2	STUART 3	STUART 4	AMOS_AP 3	TANN 1-3 1	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	59 ROCKE_TM 2	61 STUART 1	62 STUART 2	63 STUART 3	64 STUART 4	65 AMOS_AP 3	66 TANN 1-3 1
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

EFFLUENT THERMAL UNIT	3 CO2 (G)	67 TANN 1-3 2	68 TANN 1-3 3	69 TANN 4 4	70 ZIMMER 1	71 ROBTMONIE 1	72 ROBTMONIE 2	73 ROBTMONIE 3
YEAR 2011	---	---	---	---	---	---	---	---
EMISSIONS DATA AT MAXIMUM	---	0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	---	0.00	0.00	0.00	0.00	118.85	118.85	118.85
EMISSIONS DATA PROFILE	---	0	0	0	0	0	0	0
YEAR 2012	---	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

EFFLUENT THERMAL UNIT	3 CO2 (G)	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	81 DARBY 1
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

4-Company East Optimization

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039
EMISSIONS DATA AT MAXIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA AT MINIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		3 CO2 (g)		89		90		91		92		93		94		101	
				LMBG SMR 1		LMBG SMR 2		WATR CC 1		WATR2 1		DRESDEN 1		DRESSD2 1		NUCLEAR 1	
YEAR 2011	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	0.00
EMISSIONS DATA AT MAXIMUM																	
EMISSIONS DATA AT MINIMUM	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	118.85	0.00
EMISSIONS DATA PROFILE																	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
YEAR 2020																	
YEAR 2021																	
YEAR 2022																	
YEAR 2023																	
YEAR 2024																	
YEAR 2025																	
YEAR 2026																	
YEAR 2027																	
YEAR 2028																	
YEAR 2029																	
YEAR 2030																	
YEAR 2031																	
YEAR 2032																	
YEAR 2033																	
YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
YEAR 2011	116.00	116.00	116.00	118.85	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	0.00	
EMISSIONS DATA AT MAXIMUM																	
EMISSIONS DATA AT MINIMUM	116.00	116.00	116.00	118.85	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	0.00	
EMISSIONS DATA PROFILE																	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	

YEAR	102	103	104	105	106	107	108
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
EFFLUENT THERMAL UNIT							
	3 CO2 (G)						
YEAR 2011	UPC_NCCS 102	PC_UL_SU 103	UPC_RCCS 104	IGC_NCCS 105	IGCC_GE 106	IGC_RCCS 107	CC_2X1PB 108
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	116.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	116.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							

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

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	102	103	104	105	106	107	108
		UPC_NCCS	FC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB
		1	1	1	1	1	1	1

YEAR 2016	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2017	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2018	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2019	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2020	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2021	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2022	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2023	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2024	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2025	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2026	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2027	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2028	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2029	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2030	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2031	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2032	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2033	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2034	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2035	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2036	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2037	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2038	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2039	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2040	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00

EFFLUENT THERMAL UNIT	3 CO2 (G)	109	110	111	114	115	124	125
		CC 2X1FA	CC 1X17H	BS2_CC	CT_GETF	CT_GETEA	BS2_FGD	BS1_FGD
		1	1	1	1	1	2	1
EMISSIONS DATA AT MAXIMUM		116.00	116.00	116.00	116.00	116.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		116.00	116.00	116.00	116.00	116.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0

YEAR 2011	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2012	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2013	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2014	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2015	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2016	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2017	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2018	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2019	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2020	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2021	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2022	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2023	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2024	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2025	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2026	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2027	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00
YEAR 2028	116.00	116.00	116.00	116.00	116.00	116.00	0.00	0.00

YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
EFFLUENT THERMAL UNIT											
3 CO2 (G)											
	126	127	129	130	131	132	133				
	GSV5_SCR	GSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MRS_FSD	RPID_TM				
	5	6	1	2	5	5	1				
EMISSIONS DATA AT MAXIMUM	0.00	0.00	116.00	116.00	116.00	0.00	0.00				
EMISSIONS DATA AT MINIMUM	0.00	0.00	116.00	116.00	116.00	0.00	0.00				
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0				
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_NGCC 1	130 CR2_NGCC 2	131 MRS_NGCC 5	132 MRS_FGD 5	133 RP1D_IM 1
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EMISSIONS DATA AT MAXIMUM EMISSIONS DATA AT MINIMUM EMISSIONS DATA PROFILE	3 CO2 (G)	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2	144 TC4_ESP 4	145 A390%_AP 3	146 A390%OP 3
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								

YEAR 2039	YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035
EFFLUENT THERMAL UNIT		3 CO2 (G)																								
		EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA PROFILE	MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GVZ_90%	MTN_18%	CC_FA_KP															
		147	148	149	150	151	153	154																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	147	148	149	150	151	153	154
YEAR 2036	MTN_90% 1	RPT1_90% 1	RPT2_90% 2	GV1_90% 1	GV2_90% 2	MTN_18% 1	CC_FA_KP 1	
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (G)	155	156	157	158	159	160	161
YEAR 2011	CT_OHTO 1	CC_OH 1	CT_I&M 1	CC_I&M 1	CT_ARCO 1	CC_ARCO 1	CT_KPCCO 1	
EMISSIONS DATA AT MAXIMUM	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00
EMISSIONS DATA AT MINIMUM	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
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YEAR 2030								
YEAR 2031								
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YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (G)	162	163	164	165	166	168	169
YEAR 2011	CC_KPCCO 1	BS2_FGD 1	BS2_FGD 5	BS2_FGD 22	BS2_FGD 23	IGCC_AP 1	PC_UL_AP 1	
EMISSIONS DATA AT MAXIMUM	116.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	116.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT		3 CO2 (G)							
		170	171	172	173	174	175	176	
		NUKE_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP	
		1	1	1	1	1	1	1	
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

3 CO2 (G)	170	171	172	173	174	175	176
NUKE_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP	
1	1	1	1	1	1	1	1

----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2022 -----
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 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
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 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

3 CO2 (G)	177	178	179	181	182	183	184
IGCC OH	PC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20	
1	1	1	1	1	1	1	1

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELT THERMAL UNIT	3 CO2 (G)	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TRONA 4	191 T4_TRCCR 4	201
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELT THERMAL UNIT	3 CO2 (G)	223 MR_STRR1 1	224 MR_STRR2 1	228 AMS3_ST 3	229 BS2_ST 2	230 MRS_CF 5	231 MRS_ST 5	232 RPPL_CF 1
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
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YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								

YEAR	2035	2036	2037	2038	2039	2040	3 CO2 (G)						
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	RPW2_CF	RPW1_SI	RPW2_SI	DCI_HPF	DCI_IS	DCI_EFP	DCI_L17
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	2	1	2	1	1	1	1
EMISSIONS DATA PROFILE	0	0	0	0	0	0							
YEAR 2011													
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													
YEAR 2026													
YEAR 2027													
YEAR 2028													
YEAR 2029													
YEAR 2030													
YEAR 2031													

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (g)	233	234	235	251	252	253	254
	RPT2_CF 2	RPT1_SI 1	RPT2_SF 2	DC1_HPF 1	DC1_IS 1	DC1_BPF 1	DC1_17 1	
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (g)	255	257	258	259	260	269	270
	DC1_3800 1	DC2_HPF 2	DC2_EFF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
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YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (g)	271	272	273	274	275	276	277
	CIN_Q_HM 1	CIN_Q_15 1	CIN_Q_HM 2	CIN_Q_15 2	CIN_Q_HM 3	CIN_Q_15 3	CVL_3_HM 3	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EMISSIONS DATA PROFILE	0	0	0	0	0
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
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----- YEAR 2030 -----					
----- YEAR 2031 -----					
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----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	278 CVL_3_10	279 GIN_5_5	280 GIN_5_15	281 GIN_6_6	282 GIN_6_15	283 KMR_F_HM_1	284 KMR_F_GP_1
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
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YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT THERMAL UNIT	3 CO2 (G)	285 KMR_F_HM_2	286 KMR_F_GP_2	287 KMR_F_HM_3	288 KMR_F_GP_3	289 KWA_1_HM_1	290 KWA_1_15_1	291 KWA_2_HM_2
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
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 2029	-----
-----	YEAR 2030	-----
-----	YEAR 2031	-----
-----	YEAR 2032	-----
-----	YEAR 2033	-----
-----	YEAR 2034	-----
-----	YEAR 2035	-----
-----	YEAR 2036	-----
-----	YEAR 2037	-----
-----	YEAR 2038	-----
-----	YEAR 2039	-----
-----	YEAR 2040	-----

EFFLUENT
THERMAL UNIT

3 CO2 (G)

	292	293	294	295	296	297	298
	KRA_2_15	MSKR1_1	MSKR1_12	MSKR2_1	MSKR2_12	MSKR3_3	MR3HW_12
	2	1	1	2	2	3	3
-----	YEAR 2011	-----	-----	-----	-----	-----	-----
-----	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
-----	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00
-----	EMISSIONS DATA PROFILE	0	0	0	0	0	0
-----	YEAR 2012	-----	-----	-----	-----	-----	-----
-----	YEAR 2013	-----	-----	-----	-----	-----	-----
-----	YEAR 2014	-----	-----	-----	-----	-----	-----
-----	YEAR 2015	-----	-----	-----	-----	-----	-----
-----	YEAR 2016	-----	-----	-----	-----	-----	-----
-----	YEAR 2017	-----	-----	-----	-----	-----	-----
-----	YEAR 2018	-----	-----	-----	-----	-----	-----
-----	YEAR 2019	-----	-----	-----	-----	-----	-----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELT THERMAL UNIT	3 CO2 (G)	292	293	294	295	296	297	298
	KRA_2_15 2	MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2	MSKR2_12 2	MSKR3_GP 3	MR3HM_12 3	
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELT THERMAL UNIT	3 CO2 (G)	299	300	301	302	303	304	305
	MSKR4_GP 4	MAHM_12 4	PICWY_HM 5	PICWY_GP 5	SPI_F_HM 1	SPI_F_15 1	SP2_F_HM 2	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
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YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
REFUELER								
THERMAL UNIT								
	3	CO2	(G)					
YEAR 2011	306	307	308	309	310	311	312	
EMISSIONS DATA AT MAXIMUM	SP2_F_15	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	
EMISSIONS DATA AT MINIMUM	2	3	3	4	4	5	5	
EMISSIONS DATA PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	306	307	308	309	310	311	312
		SP2_F_15	SP3_O_HM	SP3_O_15	SP4_O_HM	SP4_O_15	SP5_HM	SP5_15
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (G)	313	314	315	316	317	318	319
		TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	PW_GP_15
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
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YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

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

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

EFFLUENT THERMAL UNIT	3 CO2 (G)	320	364	500	501	502	503	958
		RH11s_1	DUMMY_OP	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
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YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	320	364	500	501	502	503	958
		RH11s 1	0	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	CC_KPCO 958
		1						

EFFLUENT THERMAL UNIT	3 CO2 (G)	959	960	961	962	963	964	965
		RP2D_KP 959	RP2D_IM 960	CSV6_SCR 961	CSV5_SCR 962	DUMMY_OP 963	DUMMY_OP 964	RP1D_O3 965
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								

EFFLUENT THERMAL UNIT	3 CO2 (G)	966	967	968	969	970	971	972
		RP1D_KP 966	BS2_FGD 967	CR2_NGCC 968	CR1_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972
YEAR 2011	0.00	0.00	0.00	116.00	116.00	116.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	116.00	116.00	116.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
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YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	3 CO2 (G)	966	967	968	969	970	971	972
		RP1D_KP 966	BS2_FGD 967	CR2_NGCC 968	CR1_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972
YEAR 2011	0.00	0.00	0.00	116.00	116.00	116.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	116.00	116.00	116.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								

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

REFUELER
 THERMAL UNIT
 3 CO2 (G)
 973
 DUMMY_OP 973
 974
 DUMMY_OP 974
 975
 DUMMY_OP 975
 976
 DUMMY_OP 976
 977
 DUMMY_OP 977
 978
 DUMMY_OP 978
 979
 DUMMY_OP 979

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

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

Year	973	974	975	976	977	978	979
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (g)	973	974	975	976	977	978	979
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2016	973	974	975	976	977	978	979	
YEAR 2017	973	974	975	976	977	978	979	
YEAR 2018	973	974	975	976	977	978	979	
YEAR 2019	973	974	975	976	977	978	979	
YEAR 2020	973	974	975	976	977	978	979	
YEAR 2021	973	974	975	976	977	978	979	
YEAR 2022	973	974	975	976	977	978	979	
YEAR 2023	973	974	975	976	977	978	979	
YEAR 2024	973	974	975	976	977	978	979	
YEAR 2025	973	974	975	976	977	978	979	
YEAR 2026	973	974	975	976	977	978	979	
YEAR 2027	973	974	975	976	977	978	979	
YEAR 2028	973	974	975	976	977	978	979	
YEAR 2029	973	974	975	976	977	978	979	
YEAR 2030	973	974	975	976	977	978	979	
YEAR 2031	973	974	975	976	977	978	979	
YEAR 2032	973	974	975	976	977	978	979	
YEAR 2033	973	974	975	976	977	978	979	
YEAR 2034	973	974	975	976	977	978	979	
YEAR 2035	973	974	975	976	977	978	979	
YEAR 2036	973	974	975	976	977	978	979	
YEAR 2037	973	974	975	976	977	978	979	
YEAR 2038	973	974	975	976	977	978	979	
YEAR 2039	973	974	975	976	977	978	979	
YEAR 2040	973	974	975	976	977	978	979	

EFFLUENT THERMAL UNIT

3 CO2 (g)

980	981	982	983	984	985	986
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
980	981	982	983	984	985	986
980	981	982	983	984	985	986

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

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

YEAR	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	987	988	989	990	991	992	993					
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.

ABP EAST
 GENERATION AND FUEL MODULE
 INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	3 CO2 (G)	987	988	989	990	991	992	993
	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
	987	988	989	990	991	992	993	
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT								
THERMAL UNIT								
3 CO2 (G)								
	994	995	996	997	998	999		
	DUMMY OP	DUMMY OP	T4_TIRONA	RP2TR_KP	RP2TR_IM	DUMMY OP		
	994	995	996	997	998	999		
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00		
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00		
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00		
EMISSIONS DATA PROFILE	0	0	0	0	0	0		
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)						
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

EFFLUENT THERMAL UNIT	4 NOX (B)				
	CARD 1+2 2	CARD 3 3	CLIFFY 1	CLIFFY 2	CLIFFY 3
YEAR 2011	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.49	0.52	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	9	10	0	0	0
EMISSIONS DATA PROFILE					
YEAR 2012	0.49	0.51	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	9	52	0	0	0
EMISSIONS DATA PROFILE					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					

YEAR 2038

YEAR 2039	YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035		
EFFLUENT THERMAL UNIT																												
EMISSIONS DATA AT MAXIMUM																												
EMISSIONS DATA AT MINIMUM																												
EMISSIONS DATA PROFILE																												
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	1.99	2.01	1.96	1.84	1.84	1.96	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
		0	11	12	13	45	46																					
					</																							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	15	16	17	18	19	20	21
YEAR 2036	CLIFFY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKE_KP 1	ROCKE_KP 2	CSVL 1-4 3	
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	22	23	24	25	26	27	28
YEAR 2011	CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.64	3.60	3.52	0.00	0.00	0.71	0.62	0.62
EMISSIONS DATA PROFILE	15	16	17	0	0	18	19	19
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	29	30	33	34	35	36	37
YEAR 2011	GLEN LYN 5	GLEN LYN 6	KAWMER 1	KAWMER 2	KAWMER 3	KANAWHA 1	KANAWHA 2	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	6.71	3.95	4.82	4.85	4.66	2.14	2.09	2.09
EMISSIONS DATA PROFILE	20	21	22	23	24	25	26	26
YEAR 2012								
YEAR 2013								
YEAR 2014								

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

EFFLUENT THERMAL UNIT	4 NOX (B)	
	KYGER 38	KYGER 39
EMISSIONS DATA AT MAXIMUM	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00
EMISSIONS DATA PROFILE	0	0
	KYGER 40	KYGER 41
	0.00	0.00
	0.00	0.00
	0	0
	KYGER 42	MITCHELL 43
	0.00	0.00
	0.00	0.51
	0	30
	MITCHELL 44	
	0.00	
	0.47	
	31	

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELT THERMAL UNIT	4 NOX (B)		4 NOX (B)		4 NOX (B)		4 NOX (B)		4 NOX (B)		4 NOX (B)		4 NOX (B)	
	KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2	MOUNT_ER 1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4	MUSK RVR 5	P SPORN 1
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														
REFUELT														
THERMAL UNIT														
EMISSIONS DATA AT MAXIMUM														
YEAR 2011								45	46	47	48	49	50	51
EMISSIONS DATA AT MINIMUM								MOUNT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPORN
EMISSIONS DATA PROFILE								1	1	2	3	4	5	1
YEAR 2012								0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								0.70	5.80	4.60	5.38	3.51	0.57	2.79
EMISSIONS DATA PROFILE								33	34	35	36	37	38	39
YEAR 2014								32	34	35	36	37	38	39
EMISSIONS DATA PROFILE														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														

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

EFFLUENT
 THERMAL UNIT

4 NOX (B)

	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRER_TM	RPRUN_TM
	2	3	4	5	5	1	1
----- YEAR 2011 -----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	2.67	2.81	2.87	2.68	8.40	1.84	1.84
EMISSIONS DATA AT MINIMUM	40	41	42	43	44	45	45
EMISSIONS DATA PROFILE							
----- YEAR 2012 -----	2.67	2.47	2.53	2.68	8.40	1.84	1.84
EMISSIONS DATA AT MINIMUM	40	27	59	43	44	45	45
EMISSIONS DATA PROFILE							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

REFUELT THERMAL UNIT	4 NOX (B)	52	53	54	55	56	57	58
		P SPOBN 2	P SPOBN 3	P SPOBN 4	P SPOBN 5	PLOWAY 5	RPRET_IM 1	RPRUN_IM 1
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELT THERMAL UNIT	4 NOX (B)	59	61	62	63	64	65	66
		ROCKP_IM 2	STUART 1	STUART 2	STUART 3	STUART 4	AMOS_AP 3	TRANN 1-3 1
YEAR 2011		0.00	1.15	1.17	1.15	1.27	0.00	0.00
EMISSIONS DATA AT MAXIMUM		1.84	1.15	1.17	1.15	1.27	0.67	3.12
EMISSIONS DATA AT MINIMUM		46	0	0	0	0	3	68
EMISSIONS DATA PROFILE								
YEAR 2012		1.84	1.15	1.17	1.15	1.27	0.67	2.39
EMISSIONS DATA AT MINIMUM								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								

		4 NOX (B)						
REFUELER THERMAL UNIT		TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTMONE 1	ROBTMONE 2	ROBTMONE 3
YEAR 2034	-----							
YEAR 2035	-----							
YEAR 2036	-----							
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							
YEAR 2040	-----							
YEAR 2011								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	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		0.00	0.00	0.00	2.07	0.28	0.28	0.28
EMISSIONS DATA AT MINIMUM		2.34	2.73	2.70	2.07	0.28	0.28	0.28
YEAR 2021								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	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

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

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	67	68	69	70	71	72	73
	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE
	2	3	4	1	1	2	3	
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

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

EFFLUENT THERMAL UNIT

4 NOX (B)	75	76	77	78	79	80	81
CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
1	2	3	4	5	6	1	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017
YEAR 2018
YEAR 2019
YEAR 2020
YEAR 2021
YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025
YEAR 2026
YEAR 2027
YEAR 2028
YEAR 2029
YEAR 2030
YEAR 2031
YEAR 2032
YEAR 2033
YEAR 2034

	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	4 NOX (B)							
EFFLUENT THERMAL UNIT	DARBY 2		DARBY 3		DARBY 4		DARBY 5		DARBY 6		LMBG WIN 1	LMBG WIN 2		
YEAR 2011														
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	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	0.39	0.39	0.39	0.39	0.39	0.09	0.08		
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0		
YEAR 2012														
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	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	0.39	0.39	0.39	0.39	0.39	0.08	0.08		
YEAR 2021														
EMISSIONS DATA AT MAXIMUM	0.39	0.39	0.39	0.39	0.39	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	0.39	0.39	0.39	0.39	0.39	0.08	0.08		
YEAR 2022														

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	82	83	84	85	86	87	88
	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	IMBG WIN	IMBG WIN
	2	3	4	5	6		1	2

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

4 NOX (B)

89	90	91	92	93	94	101
IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESD2 1	NUCLEAR 1

----- YEAR 2011 -----	0.09	0.08	0.09	0.09	0.13	0.09	0.00
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.00
EMISSIONS DATA AT MINIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0
----- YEAR 2012 -----	0.09	0.09	0.09	0.09	0.13	0.09	0.00
EMISSIONS DATA AT MAXIMUM	0.09	0.09	0.09	0.09	0.13	0.09	0.00
EMISSIONS DATA AT MINIMUM	0.09	0.09	0.09	0.09	0.13	0.09	0.00
----- YEAR 2013 -----	0.09	0.08	0.09	0.09	0.13	0.09	0.00
EMISSIONS DATA AT MAXIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.00
EMISSIONS DATA AT MINIMUM	0.09	0.08	0.09	0.09	0.13	0.09	0.00
----- YEAR 2014 -----	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
----- YEAR 2015 -----	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
----- YEAR 2016 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2017 -----	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
----- YEAR 2018 -----	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.09	0.09	0.13	0.08	0.00
----- YEAR 2019 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2020 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2021 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2022 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2023 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2024 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2025 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
----- YEAR 2026 -----	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MAXIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00
EMISSIONS DATA AT MINIMUM	0.08	0.08	0.08	0.08	0.13	0.08	0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

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

4 NOX (B)
102 103 104 105 106 107 108
UPC_NCCS PC_UL_SU UPC_RCCS IGC_NCCS IGCC GE IGC_RCCS CC_2X1FB
1 1 1 1 1 1 1

EFFLUENT
THERMAL UNIT

4 NOX (B)

109 110 111 114 115 124 125
CC_2X1FA CC_1X17H BS2_CC CT_GE7FA CT_GE7EA BS2_FGD BS1_FGD
1 1 1 1 1 2 1
0.08 0.07 0.08 0.10 0.12 0.00 0.00
0.08 0.07 0.08 0.10 0.12 0.47 0.28
0 0 0 0 0 57 5

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

YEAR	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066								
Emissions Data at Maximum																																							
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Emissions Data at Minimum																																							
EMISSIONS DATA AT MINIMUM	0.36	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Emissions Data Profile																																							
EMISSIONS DATA PROFILE	60	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
Effluent Thermal Unit																																							
EFFLUENT THERMAL UNIT	126	127	129	130	131	132	133																																
4 NOX (B)	126	127	129	130	131	132	133																																
CSV5_SCR	5	6	1	2	5	5	1																																
CSV6_SCR	5	6	1	2	5	5	1																																
CRI_NGCC	1	1	1	2	5	5	1																																
CR2_NGCC	2	2	2	2	5	5	1																																
MRS5_NGCC	5	5	5	5	5	5	5																																
MRS5_FGD	5	5	5	5	5	5	5																																
RP1D_TM	1	1	1	1	1	1	1																																

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	126	127	129	130	131	132	133
	CSV5_SCR 5	CSV6_SCR 6	CRI_NGOC 1	CR2_NGOC 2	MRS_NGOC 5	MRS_FGD 5	RPID_TM 1	
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	134	135	136	137	144	145	146
	RP2D_IM 2	TAN4_FGD 4	RPID_KP 1	RP2D_KP 2	TCA_ESP 4	A390%AP 3	A390%OP 3	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.40	2.54	0.40	0.40	2.54	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	67	51	66	67	51	55	55	55
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	147	148	149	150	151	153	154
	MTN_90% 1	RPT1_90% 1	RPT2_90% 2	GVL_90% 1	GV2_90% 2	MTN_18% 1	CC_FA_KP 1	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
EMISSIONS DATA AT MAXIMUM	0.82	0.00	0.00	0.83	0.00	0.73	0.07	0.07
EMISSIONS DATA AT MINIMUM	29	66	67	62	64	28	0	0
EMISSIONS DATA PROFILE								

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

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

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFLUENT THERMAL UNIT	4 NOX (B)													
	155 CT_OHTO 1	156 CC_OH 1	157 CT_16M 1	158 CC_16M 1	159 CT_ARCO 1	160 CC_ARCO 1	161 CT_KPCO 1	162 CC_KPCO 1	163 BS2_FGD 1	164 BS2_FGD 5	165 BS2_FGD 22	166 BS2_FGD 23	168 IGCC AP 1	169 PC_UL_AP 1
----- YEAR 2011 -----														
EMISSIONS DATA AT MAXIMUM	0.12	0.08	0.12	0.08	0.12	0.08	0.12	0.08	0.07	0.00	0.00	0.00	0.50	0.62
EMISSIONS DATA AT MINIMUM	0.12	0.08	0.12	0.08	0.12	0.08	0.12	0.08	0.07	0.00	0.00	0.00	0.50	0.62
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	7	7	7	0	0
----- YEAR 2012 -----														
----- YEAR 2013 -----														
----- YEAR 2014 -----														
----- YEAR 2015 -----														
----- YEAR 2016 -----														
----- YEAR 2017 -----														
----- YEAR 2018 -----														
----- YEAR 2019 -----														
----- YEAR 2020 -----														
----- YEAR 2021 -----														
----- YEAR 2022 -----														
----- YEAR 2023 -----														
----- YEAR 2024 -----														
----- YEAR 2025 -----														
----- YEAR 2026 -----														
----- YEAR 2027 -----														
----- YEAR 2028 -----														
----- YEAR 2029 -----														
----- YEAR 2030 -----														
----- YEAR 2031 -----														
----- YEAR 2032 -----														
----- YEAR 2033 -----														
----- YEAR 2034 -----														
----- YEAR 2035 -----														
----- YEAR 2036 -----														
----- YEAR 2037 -----														
----- YEAR 2038 -----														
----- YEAR 2039 -----														
----- YEAR 2040 -----														
----- YEAR 2011 -----														
EMISSIONS DATA AT MAXIMUM	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.50	0.62
EMISSIONS DATA AT MINIMUM	0.07	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.07	0.00	0.00	0.00	0.50	0.62
EMISSIONS DATA PROFILE	0	7	7	7	7	7	7	7	0	5	22	23	1	1
----- YEAR 2012 -----														
----- YEAR 2013 -----														
----- YEAR 2014 -----														
----- YEAR 2015 -----														
----- YEAR 2016 -----														
----- YEAR 2017 -----														
----- YEAR 2018 -----														
----- YEAR 2019 -----														
----- YEAR 2020 -----														
----- YEAR 2021 -----														
----- YEAR 2022 -----														

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

EFFLUENT
 THERMAL UNIT

4 NOX (B)

	170	171	172	173	174	175	176
	NUKE_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP
	1	1	1	1	1	1	1
EMISSIONS DATA AT MAXIMUM	0.00	0.50	0.62	0.00	0.50	0.62	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.50	0.62	0.00	0.50	0.62	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		4 NOX (B)		170		171		172		173		174		175		176	
		NUKE_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP									
YEAR 2020	---	1	1	1	1	1	1	1									
YEAR 2021	---																
YEAR 2022	---																
YEAR 2023	---																
YEAR 2024	---																
YEAR 2025	---																
YEAR 2026	---																
YEAR 2027	---																
YEAR 2028	---																
YEAR 2029	---																
YEAR 2030	---																
YEAR 2031	---																
YEAR 2032	---																
YEAR 2033	---																
YEAR 2034	---																
YEAR 2035	---																
YEAR 2036	---																
YEAR 2037	---																
YEAR 2038	---																
YEAR 2039	---																
YEAR 2040	---																

EFFLUENT THERMAL UNIT		4 NOX (B)		177		178		179		181		182		183		184	
		IGCC OH	PC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20									
YEAR 2011	---	0.50	0.62	0.00	0.00	0.00	0.00	0.00									
EMISSIONS DATA AT MAXIMUM		0.50	0.62	0.00	0.40	0.40	0.40	0.40									
EMISSIONS DATA AT MINIMUM		0	0	0	66	66	66	66									
EMISSIONS DATA PROFILE																	
YEAR 2012	---																
YEAR 2013	---																
YEAR 2014	---																
YEAR 2015	---																
YEAR 2016	---																
YEAR 2017	---																
YEAR 2018	---																
YEAR 2019	---																
YEAR 2020	---																
YEAR 2021	---																
YEAR 2022	---																
YEAR 2023	---																
YEAR 2024	---																
YEAR 2025	---																
YEAR 2026	---																
YEAR 2027	---																
YEAR 2028	---																
YEAR 2029	---																
YEAR 2030	---																
YEAR 2031	---																
YEAR 2032	---																

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
EPIUEENT								
THERMAL UNIT								
	4 NOX (B)							
	186	187	188	189	190	191	201	
	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TROWA	T4_TRCCR		
	1	2	1	2	4	4	0	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	1.84	1.84	1.84	1.84	2.70	2.70	2.18	
EMISSIONS DATA AT MINIMUM	45	46	45	46	51	51	0	
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	186	187	188	189	190	191	201
	RP1TR_IM_1	RP2TR_IM_2	RP1TR_KP_1	RP2TR_KP_2	T4_TRONA_4	T4_TRCCR_4		
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	223	224	228	229	230	231	232
	MR_STKR1_1	MR_STKR2_1	AMS3_SI_3	BS2_SI_2	MR5_CF_5	MR5_SI_5	RP11_CF_1	
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EMISSIONS DATA AT MAXIMUM	0.86	0.86	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.86	0.86	0.82	0.46	0.51	0.51	0.51	1.61
EMISSIONS DATA PROFILE	0	0	55	57	38	38	38	45
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	233	234	235	251	252	253	254
	RPT2_CF_2	RPT1_SI_1	RPT2_SI_2	DC1_HPT_1	DC1_IS_1	DC1_EFF_1	DC1_17_1	
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	278	279	280	281	282	283	284
		CVL_3_10_3	GIN_5_HM_5	GIN_5_15_5	GIN_6_HM_6	GIN_6_15_6	KMR_F_HM_1	KMR_F_GP_1

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

4 NOX (B)

EFFLUENT THERMAL UNIT	285	286	287	288	289	290	291
	KMR_F_HM_2	KMR_F_GP_2	KMR_F_HM_3	KMR_F_GP_3	KWA_1_HM_1	KWA_1_15_1	KWA_2_HM_2
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	3.93	3.93	4.00	4.00	2.45	2.45	2.37
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT	4 NOX (B)	292	293	294	295	296	297	298
THERMAL UNIT	KWA_2_15_2	MSKR1_HM_1	MSKR1_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HM_12	

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

EFFLUENT
THERMAL UNIT

4 NOX (B)

YEAR 2011	299	300	301	302	303	304	305
EMISSIONS DATA AT MAXIMUM	MSKR4_GP_4	M4HM_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_2
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	2.56	2.56	6.55	6.55	3.77	3.77	3.73
	0	0	0	0	0	0	0

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

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

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

4 NOX (B)																										
		306	307	308	309	310	311	312																		
		SP2_F_15	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15																		
		2	3	3	4	4	5	5																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
		3.73	2.77	2.77	2.73	2.73	2.95	2.95																		
		0	0	0	0	0	0	0																		

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

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

EFFLUENT THERMAL UNIT	4 NOX (B)	959	960	961	962	963	964	965
	RP2D_KP 959	RP2D_IM 960	CSV6_SCR 961	CSV5_SCR 962	DUMMY_OP 963	DUMMY_OP 964	RPID_03 965	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.40	0.40	0.35	0.36	0.00	0.00	0.40	0.40
EMISSIONS DATA PROFILE	67	67	61	60	0	0	66	66

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	959	960	961	962	963	964	965
	RP2D_KP_959	RP2D_IM_960	CSV6_SCR_961	CSV5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_03_965	

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

EFFLUENT THERMAL UNIT	4 NOX (B)	966	967	968	969	970	971	972
	RP1D_KP_966	BS2_FSD_967	CR2_NGCC_968	CRI_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972	
YEAR 2011		0.00	0.00	0.08	0.08	0.08	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.40	0.45	0.08	0.08	0.08	0.00	0.00
EMISSIONS DATA AT MINIMUM		66	7	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								

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

EFFLUENT
THERMAL UNIT

4 NOX (B)

EMISSIONS DATA AT MAXIMUM	973	974	975	976	977	978	979
EMISSIONS DATA AT MINIMUM	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
EMISSIONS DATA PROFILE	973	974	975	976	977	978	979
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	973 DUMMY_OP_973	974 DUMMY_OP_974	975 DUMMY_OP_975	976 DUMMY_OP_976	977 DUMMY_OP_977	978 DUMMY_OP_978	979 DUMMY_OP_979
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	4 NOX (B)	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		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								

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

YEAR	2035	2036	2037	2038	2039	2040	4 NOX (B)						
EFFLUENT THERMAL UNIT							987	988	989	990	991	992	993
EMISSIONS DATA AT MAXIMUM							DUMAY_OP	DUMAY_OP	DUMAY_OP	DUMAY_OP	DUMAY_OP	DUMAY_OP	DUMAY_OP
EMISSIONS DATA AT MINIMUM							987	988	989	990	991	992	993
EMISSIONS DATA PROFILE							0	0	0	0	0	0	0
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	4 NOX (B)	987	988	989	990	991	992	993
----- YEAR 2032 -----		DUMMY OP 987	DUMMY OP 988	DUMMY OP 989	DUMMY OP 990	DUMMY OP 991	DUMMY OP 992	DUMMY OP 993
----- YEAR 2033 -----		387	388	389	390	391	392	
----- YEAR 2034 -----								
----- YEAR 2035 -----								
----- YEAR 2036 -----								
----- YEAR 2037 -----								
----- YEAR 2038 -----								
----- YEAR 2039 -----								
----- YEAR 2040 -----								

EFFLUENT THERMAL UNIT

4 NOX (B)

EMISSIONS DATA AT MAXIMUM	994	995	996	997	998	999
EMISSIONS DATA AT MINIMUM	DUMMY OP 994	DUMMY OP 995	T4_TRONA 996	RP2TR_KP 997	RP2TR_IM 998	DUMMY OP 999
EMISSIONS DATA PROFILE	994	995	996	997	998	999

----- YEAR 2011 -----	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2012 -----	0.00	0.00	2.70	1.84	1.84	0.00
----- YEAR 2013 -----	0	0	51	46	46	0
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

EFFLUENT THERMAL UNIT

5 NSR SO2

EMISSIONS DATA AT MAXIMUM	1	2	3	4	5	6	7
EMISSIONS DATA AT MINIMUM	AMOS 1	AMOS 2	AMOS_OP 3	BECKTORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1
EMISSIONS DATA AT MAXIMUM	1	2	3	4	5	6	7
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	1.59	1.59	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	1.59	1.59	0.00

4-Company East Optimization

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2
YEAR 2039		1	2	3	6	1	2	1
YEAR 2040								

EFFLUENT THERMAL UNIT	5 NSR SO2	8 CARD 1+2	9 CARD 3	10 CLIFFTY	11 CLIFFTY	12 CLIFFTY	13 CLIFFTY	14 CLIFFTY
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	5 NSR SO2	15 CLIFFTY	16 CLINCH R	17 CLINCH R	18 CLINCH R	19 ROCKP_KP	20 ROCKP_KP	21 CSVL 1-4
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

YEAR	NSR SO2	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
YEAR 2015	22	4	5	6	1	2	1	2
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT
THERMAL UNIT

YEAR	NSR SO2	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
YEAR 2011	29	5	6	1	2	3	1	2
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

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

EFFLUENT
THERMAL UNIT

5 NSR SO2

	45	46	47	48	49	50	51
	MOURT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	P SPOFN
	1	1	2	3	4	5	1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

YEAR 2038	YEAR 2039	YEAR 2040	5 NSR SO2	52	53	54	55	56	57	58
EPFLUENT			P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PIOWAY	RPRRT_IM	RPRUN_IM
THERMAL UNIT			2	3	4	5	5	1	1	1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

5 NSR SO2	52	53	54	55	56	57	58
P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT_IM	RPRUN_IM
2	3	4	5	5	5	1	1

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

EFFLUENT
THERMAL UNIT

5 NSR SO2	59	61	62	63	64	65	66
ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3
2	1	2	3	4	4	3	1

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

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

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

EFFLUENT
THERMAL UNIT

5 NSR SO2	67	68	69	70	71	72	73
TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTWONE	ROBTWONE	ROBTWONE	ROBTWONE
2	3	4	1	1	2	2	3

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

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

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

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

EFFLUENT THERMAL UNIT	5 NSR SO2	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	79 CEREDO 5	80 CEREDO 6	DARBY 81 1
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2		82		83		84		85		86		87		88	
	CEREDO	DARBY	CEREDO	DARBY	CEREDO	DARBY	CEREDO	DARBY	CEREDO	DARBY	CEREDO	DARBY	IMBG WIN	IMBG WIN	CEREDO	DARBY
YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EFFLUENT THERMAL UNIT	5 NSR SO2		82		83		84		85		86		87		88	
	DARBY	2	DARBY	3	DARBY	4	DARBY	5	DARBY	6	IMBG WIN	1	IMBG WIN	2	0	
YEAR 2011	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2012	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2013	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2014	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2015	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2016	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2017	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2018	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2019	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2020	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2021	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2022	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
YEAR 2023	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0

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

REFUELER THERMAL UNIT	5 NSR SO2	89 LMBG SWR 1	90 LMBG SWR 2	91 WATR CC 1	92 WATR2 1	93 DRESIDN 1	94 DRESID2 1	101 NUCLEAR 1
----- YEAR 2011 -----		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

5	NSR	SO2	89	90	91	92	93	94	101
			IMBG	IMBG	WATR	WATR2	DRESDE	DRESD2	NUCLEAR
			SMR	SMR	CC	1	1	1	1
YEAR 2021			1	2	1	1	1	1	1
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

EFFLUENT
THERMAL UNIT

5	NSR	SO2	102	103	104	105	106	107	108
			UPC	PC	UPC	IGC	IGCC	IGC	CC
			_NCCS	_UL	_RCCS	_NCCS	_GE	_RCCS	2X1FB
			1	_SU	1	1	1	1	1
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012			0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013			0	0	0	0	0	0	0
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030			
EFFLUENT THERMAL UNIT																													
5 NSR SO2																													
							109	110	111	114	115	124	125																
							CC 2x1FA 1	CC 1x17H 1	BS2_CC 1	CT GR7FA 1	CT_GR7FA 1	BS2_FGD 2	BS1_FGD 1																
							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMISSIONS DATA AT MAXIMUM																													
EMISSIONS DATA AT MINIMUM																													
EMISSIONS DATA PROFILE																													

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	5 NSR SO2	109 CC 2X1FA 1	110 CC 1X17H 1	111 BS2_CC 1	114 CT GE7FA 1	115 CT_GE7EA 1	124 BS2_FGD 2	125 BS1_FGD 1
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELER THERMAL UNIT	5 NSR SO2	126 CSV5_SCR 5	127 CSV6_SCR 6	129 CR1_NGCC 1	130 CR2_NGCC 2	131 MS5_NGCC 5	132 MS5_FGD 5	133 RP1D_IM 1
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

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

REFUELER THERMAL UNIT	5 NSR SO2	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2	144 TCA_ESP 4	145 A3908_AP 3	146 A3908OP 3
YEAR 2011								

4-Company East Optimization

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	5 NSR SO2	147 MNN_90%	148 RPT1_90%	149 RPT2_90%	150 GVI_90%	151 GV2_90%	153 MTN_18%	154 CC_FA_KP
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
REFUELER THERMAL UNIT	5 NSR SO2	155 CT_OHIO	156 CC_OH	157 CT_1EM	158 CC_1EM	159 CT_APCO	160 CC_APCO	161 CT_KP_CO
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								

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

EFFLUENT		5 NSR SO2		162		163		164		165		166		168		169	
THERMAL UNIT		CC_KPCO	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	IGCC AP	PC_UL_AP	PC_UL_AP	PC_UL_AP
		1	1	1	5	22	23	1	1	1	1	1	1	1	1	1	1
EMISSIONS DATA AT MAXIMUM	YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	YEAR 2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

5 NSR SO2	162	163	164	165	166	168	169
CC_KPCCO	1	1	5	22	23	1	1
BS2 FGD						IGCC AP	PC_UL_AP

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

EFFLUENT
THERMAL UNIT

5 NSR SO2	170	171	172	173	174	175	176
Nuke_AP	1	1	1	1	1	1	1
IGCC IM					IGCC KP	PC_UL_KP	NUKE_KP

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

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM								
EMISSIONS DATA AT MINIMUM								
EMISSIONS DATA PROFILE								
YEAR 2011	177	178	179	181	182	183	184	
YEAR 2012	1	1	1	1	1	1	1	
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

REFUELER THERMAL UNIT	5 NSR SO2	177	178	179	181	182	183	184
YEAR 2030	IGCC OH 1	PC_UL_OH 1	NUKE OH 1	RP1D_03 1	RP1D_04 1	RP1D_08 1	RP1D_20 1	
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELER THERMAL UNIT	5 NSR SO2	186	187	188	189	190	191	201
YEAR 2011	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_THRONA 4	T4_TRCCR 4		
EMTSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMTSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMTSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELER THERMAL UNIT	5 NSR SO2	223	224	228	229	230	231	232
YEAR 2040	MR_STKR1 1	MR_STKR2 1	AMS3_ST 3	BS2_ST 2	MR5_CF 5	MR5_ST 5	RPT1_CF 1	

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

5 NSR SO2

EFFLUENT THERMAL UNIT	271	272	273	274	275	276	277
CLN_Q_HM 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CLN_Q_15 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CLN_Q_HM 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CLN_Q_15 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CLN_Q_HM 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CLN_Q_15 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CVL_3_HM 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

EMISSIONS DATA AT MAXIMUM
 EMISSIONS DATA AT MINIMUM
 EMISSIONS DATA PROFILE

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

5	NSR	SO2	271	272	273	274	275	276	277
			CLN_Q_HM 1	CLN_Q_15 1	CLN_Q_HM 2	CLN_Q_15 2	CLN_Q_HM 3	CLN_Q_15 3	CVL_3_HM 3
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

EFFLUENT
THERMAL UNIT

5	NSR	SO2	278	279	280	281	282	283	284
			CVL_3_10 3	GLN_5_HM 5	GLN_5_15 5	GLN_6_HM 6	GLN_6_15 6	KWR_F_HM 1	KWR_F_GP 1
YEAR 2011			0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012			0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013			0	0	0	0	0	0	0
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

5	NSR	SO2									
	KWR_F	HM	KWR_F	GP	KWR_F	HM	KWR_F	GP	KWA_I	HM	KWA_I
	2	2	2	2	3	3	3	3	1	1	1
	285	286	287	288	289	290	291				
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

EFFLUENT
THERMAL UNIT

5	NSR	SO2									
	KWA_2	15	MSKRL	HM	MSKRL	12	MSKRL	2	MSKR2	12	MSKR3
	2	2	1	1	1	2	2	2	2	3	3
	292	293	294	295	296	297	298				
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

YEAR 2039	YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035		
EMISSIONS DATA AT MAXIMUM																												
EMISSIONS DATA AT MINIMUM																												
EMISSIONS DATA PROFILE																												
		5 NSR S02	MSHR4_GP_4	299	MAMM_12_4	300	PICWY_HM_5	301	PICWY_GP_5	302	SPL_F_HM_1	303	SPL_F_HM_1	304	SPL_F_15_1	305	SP2_F_HM_2											
				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00
				0		0		0		0		0		0		0		0		0		0		0		0		0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	MSKR4_GP 4	MAHM_12 4	PICWY_HM 5	PICWY_GP 5	SP1_F_HM 1	SP1_F_15 1	SP2_F_HM 2
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	5 NSR SO2	SP2_F_15 2	SP3_Q_HM 3	SP3_Q_15 3	SP4_Q_HM 4	SP4_Q_15 4	SP5_HM 5	SP5_15 5
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	5 NSR SO2	TNR_F_HM 1	TNR_F_15 1	TNR_F_HM 2	TNR_F_15 2	TNR_F_HM 3	TNR_F_15 3	PW_GP_15 5
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013								
YEAR 2014								

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- 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				320	364	500	501	502	503	958
			RHILLS	1	0	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO
				1	0	0	0	0	0	958
----- YEAR 2011 -----				0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM				0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM				0	0	0	0	0	0	0
EMISSIONS DATA PROFILE										

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	5 NSR SO2	320 RH11s 1	364 0	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	958 CC_KPCO 958
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT								
THERMAL UNIT								
5 NSR SO2								
	959	960	961	962	963	964	965	
	RP2D_KP_959	RP2D_TM_960	CSV6_SCR_961	CSV5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_O3_965	
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								

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

EFFLUENT
 THERMAL UNIT

	5 NSR SO2	966	967	968	969	970	971	972
	RP1D_KP	BS2_RSD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMM1_OP	DUMM1_OP	DUMM1_OP
	966	967	968	969	970	971	971	972
----- YEAR 2011 -----	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	5 NSR SO2	966 RPID_KP 966	967 BS2_FGD 967	968 CR2_NGCC 968	969 CR1_NGCC 969	970 MRS_NGCC 970	971 DUMMY_OP 971	972 DUMMY_OP 972
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELER THERMAL UNIT	5 NSR SO2	973 DUMMY_OP 973	974 DUMMY_OP 974	975 DUMMY_OP 975	976 DUMMY_OP 976	977 DUMMY_OP 977	978 DUMMY_OP 978	979 DUMMY_OP 979
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013		0	0	0	0	0	0	0
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	5 NSR SO2						
REFUEMENT THERMAL UNIT						980	981	982	983	984	985	986
EMISSIONS DATA AT MAXIMUM						DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
EMISSIONS DATA AT MINIMUM						980	981	982	983	984	985	986
EMISSIONS DATA PROFILE						0	0	0	0	0	0	0
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	YEAR 2030	YEAR 2031				0	0	0	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELT THERMAL UNIT	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
5 NSR SO2	980	981	982	983	984	985	986		
DUMMY_OP	980	981	982	983	984	985	986		
DUMMY_OP	980	981	982	983	984	985	986		

5 NSR SO2

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
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2036	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2037	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2038	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2039	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2040	0.00	0.00	0.00	0.00	0.00	0.00	0.00

REFUELT
THERMAL UNIT

5 NSR SO2

994	995	996	997	998	999
DUMMY_OP	DUMMY_OP	T4_TSO2A	RP2TR_KP	RP2TR_TM	DUMMY_OP
994	995	996	997	998	999

YEAR 2011
EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM

0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00

4-Company East Optimization

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	6 HG (E)						
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 6	BIG SAND 1	BIG SAND 2	CARD 1+2 1
YEAR 2011	0.00	0.00	0.00	0.01	0.01	0.01	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.01	0.01	0.01	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
REFUELER THERMAL UNIT	6 HG (E)						
	CARD 1+2 2	CARD 3 3	CLIFFY 1 1	CLIFFY 2 2	CLIFFY 3 3	CLIFFY 4 4	CLIFFY 5 5
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							

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

EFFLUENT
 THERMAL UNIT

6 HG (E)

	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 -----	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							
----- YEAR 2012 -----	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.02
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							

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)	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_RP 1	20 ROCKP_RP 2	21 CSVL 1-4 3
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
EFFLUENT THERMAL UNIT								
	6 HG (E)							
	22	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	0.00	0.01	0.01	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MAXIMUM	0.00	0.01	0.01	0.00	0.00	0.00	0.00	
EMISSIONS DATA AT MINIMUM	0.00	0.01	0.01	0.00	0.00	0.00	0.00	
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	6 HG (E)	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

REFUELER THERMAL UNIT	6 HG (E)	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2
YEAR 2011	---	---	---	---	---	---	---	---
EMISSIONS DATA AT MAXIMUM	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	---	0	0	0	0	0	0	0
YEAR 2012	---	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

REFUELER THERMAL UNIT	6 HG (E)	45	46	47	48	49	50	51
YEAR 2011	---	---	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

4-Company East Optimization

	MOUNT ER _1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4	MUSK RVR 5	P SPORN 1
YEAR 2011	0.00	0.01	0.01	0.01	0.01	0.01	0.01
EMISSIONS DATA AT MAXIMUM	0.00	0.01	0.01	0.01	0.01	0.01	0.01
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

6 HG (E)

45	MOUNT_ER	1	46	MUSK RVR	1	47	MUSK RVR	2	48	MUSK RVR	3	49	MUSK RVR	4	50	MUSK RVR	5	51	P SPORN	1
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YEAR 2039 -----
YEAR 2040 -----

EFFLUENT
THERMAL UNIT

6 HG (E)

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

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

0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

EFFLUENT
THERMAL UNIT

6 HG (E)

59	ROCKP_IM	2	61	STUART	1	62	STUART	2	63	STUART	3	64	STUART	4	65	AMOS_AP	3	66	TANN	1-3	1
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YEAR 2011 -----
EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELED	6 HG (B)	67	68	69	70	71	72	73
THERMAL UNIT	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE
	2	3	4	1	1	2	3	

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

REFUELED	6 HG (B)	75	76	77	78	79	80	81
THERMAL UNIT	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARRY
	1	2	3	4	5	6		1
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
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 ----- YEAR 2030 -----
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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT
 THERMAL UNIT

6 HG (B)

	82	83	84	85	86	87	88
	DARBY	DARBY	DARBY	DARBY	DARBY	LMBG WIN	LMBG WIN
	2	3	4	5	6	1	2
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)	82	83	84	85	86	87	88
YEAR 2025	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2	
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	6 HG (E)	89	90	91	92	93	94	101
EMISSIONS DATA AT MAXIMUM	IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESD2 1	NUCLEAR 1	
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								

YEAR 2038	YEAR 2039	YEAR 2040	EFFLUENT THERMAL UNIT							
EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA PROFILE	6 HG (E)	102	103	104	105	106	107	108
			UPC_NCCS	PG_UI_SU	UPC_RCCS	IGC_NCCS	IGCC_GE	IGC_RCCS	CC_2X1FB	
			I	I	I	I	I	I	I	I
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		6 HG (E)													
YEAR 2035		UPC_NCCS	102	PC_UU_SU	103	UPC_RCCS	104	IGC_NCCS	105	IGCC_GE	106	IGC_RCCS	107	CC_2XIFB	108
			1		1		1		1		1		1		1
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															

EFFLUENT THERMAL UNIT		6 HG (E)													
YEAR 2011		CC_2XIFB	109	CC_1X17H	110	BS2_CC	111	CT_GE7FA	114	CT_GE7EA	115	BS2_FGD	124	BS1_FGD	125
			1		1		1		1		1		2		1
EMISSIONS DATA AT MAXIMUM			0.00		0.00		0.00		0.00		0.00		0.00		0.01
EMISSIONS DATA AT MINIMUM			0.00		0.00		0.00		0.00		0.00		0.00		0.01
EMISSIONS DATA PROFILE			0		0		0		0		0		0		0
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
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YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
YEAR 2030															
YEAR 2031															
YEAR 2032															
YEAR 2033															
YEAR 2034															
YEAR 2035															
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															

EFFLUENT THERMAL UNIT		6 HG (E)													
YEAR 2011		CSV5_SCR	126	CSV6_SCR	127	CR1_NGCC	129	CR2_NGCC	130	MR5_NGCC	131	MR5_FGD	132	RPID_IM	133
			5		6		1		2		5		5		1
EMISSIONS DATA AT MAXIMUM			0.00		0.00		0.00		0.00		0.00		0.00		0.00
EMISSIONS DATA AT MINIMUM			0.00		0.00		0.00		0.00		0.00		0.00		0.00
EMISSIONS DATA PROFILE			0		0		0		0		0		0		0
YEAR 2012															
YEAR 2013															

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
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 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2023 -----
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 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

EFFLUENT THERMAL UNIT	6 HG (E)	134	135	136	137	144	145	146
	RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A390& AP	A390&OP	
	2	4	1	2	4	3	3	
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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)	134 RP2D_TM 2	135 TANA_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2	144 TC4_ESP 4	145 A390% AP 3	146 A390%OP 3
YEAR 2011	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0	0

EFFLUENT THERMAL UNIT	6 HG (E)	147 MTN_90% 1	148 RPT1_90% 1	149 RPT2_90% 2	150 GV1_90% 1	151 GV2_90% 2	153 MTN_18% 1	154 CC_PA_KP 1
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0	0
EMISSIONS DATA PROFIT	0	0	0	0	0	0	0	0
YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

EFFLUENT
 THERMAL UNIT

6 HG (E)

	155	156	157	158	159	160	161
	CT_OHTO	CC_OH	CT_I&M	CC_I&M	CT_ARPCO	CC_ARPCO	CT_KPCO
	1	1	1	1	1	1	1
----- YEAR 2011 -----	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0	0	0	0	0	0	0
EMISSIONS DATA PROFILE							
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							

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)	155	156	157	158	159	160	161
	CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_APCO	CC_APCO	CT_KPCCO	
YEAR 2021	1							
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	6 HG (E)	162	163	164	165	166	168	169
	CC_KPCCO	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	IGCC AP	PC_UL_AP
YEAR 2011	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
YEAR 2012	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
YEAR 2013	0	0	0	0	0	0	0	0
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
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YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

6 HG (E)

EMISSIONS DATA AT MAXIMUM	EMISSIONS DATA AT MINIMUM	EMISSIONS DATA PROFILE
YEAR 2011	170	170
NUKE_AP	171	171
1	172	172
0.00	173	173
0.00	174	174
0	175	175
	176	176
YEAR 2012		
YEAR 2013		
YEAR 2014		
YEAR 2015		
YEAR 2016		
YEAR 2017		
YEAR 2018		
YEAR 2019		
YEAR 2020		
YEAR 2021		
YEAR 2022		
YEAR 2023		
YEAR 2024		
YEAR 2025		
YEAR 2026		
YEAR 2027		
YEAR 2028		
YEAR 2029		
YEAR 2030		

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

4-Company East Optimization

EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
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----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
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----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		6 HG (E)													
		223	224	228	229	230	231	232	233	234	235	251	252	253	254
		MR_STRK1 1	MR_STRK2 1	AMS3_SI 3	BS2_SI 2	MR5_CF 5	MR5_SI 5	RPT1_CF 1	RPT2_CF 2	RPT1_SI 1	RPT2_SI 2	DC1_HPT 1	DC1_IS 1	DC1_BFF 1	DC1_L7 1
YEAR 2011	EMISSIONS DATA AT MAXIMUM	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	EMISSIONS DATA AT MINIMUM	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															
YEAR 2024															
YEAR 2025															
YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
YEAR 2030															
YEAR 2031															
YEAR 2032															
YEAR 2033															
YEAR 2034															
YEAR 2035															
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															
EFFLUENT THERMAL UNIT															
		233	234	235	251	252	253	254							
		RPT2_CF 2	RPT1_SI 1	RPT2_SI 2	DC1_HPT 1	DC1_IS 1	DC1_BFF 1	DC1_L7 1							
YEAR 2011	EMISSIONS DATA AT MAXIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	EMISSIONS DATA AT MINIMUM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															

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

EFFLUENT
 THERMAL UNIT

6 HG (E)

	255	257	258	259	260	269	270
	DC1_3800	DC2_HPF	DC2_BFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP
	1	2	2	2	2	1	1
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 PROFIT	0	0	0	0	0	0	0

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT	6 HG (E)	DC1_3800 1	DC2_HPT 2	DC2_EPF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT	6 HG (E)	CLN_Q_HM 1	CLN_Q_15 1	CLN_Q_HM 2	CLN_Q_15 2	CLN_Q_HM 3	CLN_Q_15 3	CVL_3_HM 3
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.02
YEAR 2012		0.00	0.00	0.00	0.00	0.00	0.00	0
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								

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

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM								
EMISSIONS DATA AT MINIMUM								
EMISSIONS DATA PROFILE								
YEAR 2011	278	279	280	281	282	283	284	
YEAR 2012	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2013	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2014	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2015	0	0	0	0	0	0	0	
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		6 HG (E)						
YEAR 2030		CVL_3_10	GLN_5_HM	GIN_5_15	GLN_6_HM	GIN_6_15	KMR_F_HM	KMR_F_GP
YEAR 2031		278	279	280	281	282	283	284
YEAR 2032		3	5	5	6	6	1	1
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT		6 HG (E)						
YEAR 2011		KMR_F_HM	KMR_F_GP	KMR_F_HM	KMR_F_GP	KWA_1_HM	KWA_1_15	KWA_2_HM
YEAR 2012		285	286	287	288	289	290	291
YEAR 2013		2	2	3	3	1	1	2
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT THERMAL UNIT		6 HG (E)						
YEAR 2011		0.00	0.00	0.00	0.00	0.01	0.01	0.01
YEAR 2012		0.00	0.00	0.00	0.00	0.01	0.01	0.01
YEAR 2013		0	0	0	0	0	0	0
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

EFFLUENT
THERMAL UNIT

6 HG (E)

292 KWA_2_15_2 MSKR1_HM_1 MSKR1_12_1 MSKR2_HM_2 MSKR2_12_2 MSKR3_GP_3 MS3HM_12_3

293 MSKR1_HM_1

294 MSKR1_12_1

295 MSKR2_HM_2

296 MSKR2_12_2

297 MSKR3_GP_3

298 MS3HM_12_3

4-Company East Optimization

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039
EMISSIONS DATA AT MAXIMUM	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
EMISSIONS DATA AT MINIMUM	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
EMISSIONS DATA PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT THERMAL UNIT		6 HG (E)		EFFLUENT THERMAL UNIT		6 HG (E)	
YEAR 2040		KWA_2_15	292	MSKRI_HM	293	MSKRI_12	294
			2		1		1
						MSKR2_HM	295
							2
						MSKR2_12	296
							2
						MSKR3_GP	297
							3
						MR3HM_12	298
							3
EFFLUENT THERMAL UNIT		6 HG (E)		EFFLUENT THERMAL UNIT		6 HG (E)	
YEAR 2040		MSKR4_GP	299	M4HM_12	300	PICWY_12	301
			4		4		5
						PICWY_GP	302
							5
						SP1_F_HM	303
							1
						SP1_F_15	304
							1
						SP2_F_HM	305
							2
YEAR 2011			0.01		0.01		0.02
EMISSIONS DATA AT MAXIMUM			0.01		0.01		0.02
EMISSIONS DATA AT MINIMUM			0		0		0
EMISSIONS DATA PROFILE							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
EFFLUENT THERMAL UNIT		6 HG (E)		EFFLUENT THERMAL UNIT		6 HG (E)	
YEAR 2011		SP2_F_15	306	SP3_Q_HM	307	SP3_Q_15	308
EMISSIONS DATA AT MAXIMUM			2		3		3
EMISSIONS DATA AT MINIMUM			0.00		0.00		0.00
EMISSIONS DATA PROFILE			0		0		0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
EFFLUENT THERMAL UNIT		6 HG (E)		EFFLUENT THERMAL UNIT		6 HG (E)	
YEAR 2011		SP4_Q_15	309	SP4_Q_HM	310	SP5_HM	311
EMISSIONS DATA AT MAXIMUM			4		4		5
EMISSIONS DATA AT MINIMUM			0.00		0.00		0.01
EMISSIONS DATA PROFILE			0		0		0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

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

EFFLUENT THERMAL UNIT
 6 HG (E)
 313 TNR_F_HM 1 0.00
 314 TNR_F_15 1 0.00
 315 TNR_F_HM 2 0.00
 316 TNR_F_15 2 0.00
 317 TNR_F_HM 3 0.00
 318 TNR_F_15 3 0.00
 319 PM_GP_15 5 0.02

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELT THERMAL UNIT	6 HG (E)	313	314	315	316	317	318	319
	TNR_F_HM 1	TNR_F_15 1	TNR_F_HM 2	TNR_F_15 2	TNR_F_HM 3	TNR_F_15 3	PW_GP_15 5	
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

REFUELT THERMAL UNIT	6 HG (E)	320	364	500	501	502	503	958
	RH11s 1		DUMMY_OP 0	DUMMY_TM 0	DUMMY_AP 0	DUMMY_KP 0	CC_KPCO 958	
YEAR 2011		0.00	90.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MAXIMUM		0.00	90.00	0.00	-0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0	0	0	0	0	0	0
EMISSIONS DATA PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								

YEAR 2028

YEAR	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
EMISSIONS DATA AT MAXIMUM	959	960	961	962	963	964	965					
EMISSIONS DATA AT MINIMUM	959	960	961	962	963	964	965					
EMISSIONS DATA PROFILE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

EFFLUENT
THERMAL UNIT

YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038
959	960	961	962	963	964	965						
RP2D_KP_959	RP2D_IM_960	CSV6_SCR_961	CSV5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RPID_03_965						

EFFLUENT
THERMAL UNIT

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	
966	967	968	969	970	971	972																						
RPID_KP_966	BS2_FGD_967	CR2_NGCC_968	CRL_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972																						

EMISSIONS DATA AT MAXIMUM
EMISSIONS DATA AT MINIMUM
EMISSIONS DATA PROFILE

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

REFUELER THERMAL UNIT	6 HG (E)	973 DUMAX_OP 973	974 DUMAX_OP 974	975 DUMAX_OP 975	976 DUMAX_OP 976	977 DUMAX_OP 977	978 DUMAX_OP 978	979 DUMAX_OP 979
YEAR 2039 -----								
YEAR 2040 -----								
EMISSIONS DATA AT MAXIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA AT MINIMUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMISSIONS DATA PROFILE		0	0	0	0	0	0	0
YEAR 2011 -----								
YEAR 2012 -----								
YEAR 2013 -----								
YEAR 2014 -----								
YEAR 2015 -----								
YEAR 2016 -----								
YEAR 2017 -----								
YEAR 2018 -----								
YEAR 2019 -----								
YEAR 2020 -----								
YEAR 2021 -----								
YEAR 2022 -----								
YEAR 2023 -----								
YEAR 2024 -----								
YEAR 2025 -----								
YEAR 2026 -----								
YEAR 2027 -----								
YEAR 2028 -----								
YEAR 2029 -----								
YEAR 2030 -----								
YEAR 2031 -----								
YEAR 2032 -----								
YEAR 2033 -----								
YEAR 2034 -----								
YEAR 2035 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT		6 HG (E)									
YEAR 2036		973	974	975	976	977	978	979			
YEAR 2037		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2038		973	974	975	976	977	978	979			
YEAR 2039											
YEAR 2040											

REFUELER THERMAL UNIT		6 HG (E)									
YEAR 2011		980	981	982	983	984	985	986			
YEAR 2012		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2013		980	981	982	983	984	985	986			
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

REFUELER THERMAL UNIT		6 HG (E)									
YEAR 2011		987	988	989	990	991	992	993			
YEAR 2012		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2013		987	988	989	990	991	992	993			
YEAR 2014											
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 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

REFUELER	6 HG (E)	994	995	996	997	998	999
THERMAL UNIT		DUMMY OP	DUMMY OP	T4_TROVA	RP2TR_KP	RP2TR_TM	DUMMY OP
		994	995	996	997	998	999
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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

REFUELER THERMAL UNIT	6 HG (E)	994 DUMMY_OP 994	995 DUMMY_OP 995	T4_TRONA 996 996	RP2TR_KP 997 997	RP2TR_IM 998 998	DUMMY_OP 999 999
YEAR 2012	----						
YEAR 2013	----						
YEAR 2014	----						
YEAR 2015	----						
YEAR 2016	----						
YEAR 2017	----						
YEAR 2018	----						
YEAR 2019	----						
YEAR 2020	----						
YEAR 2021	----						
YEAR 2022	----						
YEAR 2023	----						
YEAR 2024	----						
YEAR 2025	----						
YEAR 2026	----						
YEAR 2027	----						
YEAR 2028	----						
YEAR 2029	----						
YEAR 2030	----						
YEAR 2031	----						
YEAR 2032	----						
YEAR 2033	----						
YEAR 2034	----						
YEAR 2035	----						
YEAR 2036	----						
YEAR 2037	----						
YEAR 2038	----						
YEAR 2039	----						
YEAR 2040	----						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	1	2	3
YEAR 2011			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

UNIT FUELS	AMOS	1	2	3
1	100.00	0.00	0.00	0.00
2	0.08	0.00	0.00	0.00
3	0.08	0.00	0.00	0.00
4	0.08	0.00	0.00	0.00
5	0.08	0.00	0.00	0.00
6	0.08	0.00	0.00	0.00
7	0.08	0.00	0.00	0.00
8	0.08	0.00	0.00	0.00
9	0.08	0.00	0.00	0.00
10	0.08	0.00	0.00	0.00
11	0.08	0.00	0.00	0.00
12	0.08	0.00	0.00	0.00
13	0.08	0.00	0.00	0.00
14	0.08	0.00	0.00	0.00
15	0.08	0.00	0.00	0.00
16	0.08	0.00	0.00	0.00
17	0.08	0.00	0.00	0.00
18	0.08	0.00	0.00	0.00
19	0.08	0.00	0.00	0.00
20	0.08	0.00	0.00	0.00
21	0.08	0.00	0.00	0.00
22	0.08	0.00	0.00	0.00
23	0.08	0.00	0.00	0.00
24	0.08	0.00	0.00	0.00

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

UNIT FUELS	AMOS	1	2	3
1	100.00	0.00	0.00	0.00
2	0.08	0.00	0.00	0.00
3	0.08	0.00	0.00	0.00
4	0.08	0.00	0.00	0.00
5	0.08	0.00	0.00	0.00
6	0.08	0.00	0.00	0.00
7	0.08	0.00	0.00	0.00
8	0.08	0.00	0.00	0.00
9	0.08	0.00	0.00	0.00
10	0.08	0.00	0.00	0.00
11	0.08	0.00	0.00	0.00
12	0.08	0.00	0.00	0.00
13	0.08	0.00	0.00	0.00
14	0.08	0.00	0.00	0.00
15	0.08	0.00	0.00	0.00
16	0.08	0.00	0.00	0.00
17	0.08	0.00	0.00	0.00
18	0.08	0.00	0.00	0.00
19	0.08	0.00	0.00	0.00
20	0.08	0.00	0.00	0.00
21	0.08	0.00	0.00	0.00
22	0.08	0.00	0.00	0.00
23	0.08	0.00	0.00	0.00
24	0.08	0.00	0.00	0.00

YEAR	MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2011			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT 3 AMOS_OP 1 3 2 3
UNIT FUELS

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

THERMAL UNIT 4 BECKJORD 1 6 2 3
UNIT FUELS

YEAR	MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00	0.00	0.00
YEAR 2011	-----	-----	-----	-----	0.11	0	0
YEAR 2012	-----	-----	-----	-----	0.11	0	0
YEAR 2013	-----	-----	-----	-----	0.11	0	0
YEAR 2014	-----	-----	-----	-----	0.11	0	0
YEAR 2015	-----	-----	-----	-----	0.11	0	0
YEAR 2016	-----	-----	-----	-----	0.11	0	0
YEAR 2017	-----	-----	-----	-----	0.11	0	0
YEAR 2018	-----	-----	-----	-----	0.11	0	0
YEAR 2019	-----	-----	-----	-----	0.11	0	0
YEAR 2020	-----	-----	-----	-----	0.11	0	0
YEAR 2021	-----	-----	-----	-----	0.11	0	0
YEAR 2022	-----	-----	-----	-----	0.11	0	0
YEAR 2023	-----	-----	-----	-----	0.11	0	0
YEAR 2024	-----	-----	-----	-----	0.11	0	0
YEAR 2025	-----	-----	-----	-----	0.11	0	0
YEAR 2026	-----	-----	-----	-----	0.11	0	0
YEAR 2027	-----	-----	-----	-----	0.11	0	0
YEAR 2028	-----	-----	-----	-----	0.11	0	0
YEAR 2029	-----	-----	-----	-----	0.11	0	0
YEAR 2030	-----	-----	-----	-----	0.11	0	0
YEAR 2031	-----	-----	-----	-----	0.11	0	0
YEAR 2032	-----	-----	-----	-----	0.11	0	0
YEAR 2033	-----	-----	-----	-----	0.11	0	0
YEAR 2034	-----	-----	-----	-----	0.11	0	0
YEAR 2035	-----	-----	-----	-----	0.11	0	0
YEAR 2036	-----	-----	-----	-----	0.11	0	0
YEAR 2037	-----	-----	-----	-----	0.11	0	0

YEAR	MINIMUM BURR PCT	UNIT FUEL	AUXILIARY COSTS	UNIT FUEL TYPE	5	BIG SAND	1	2	3
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

-----	YEAR 2036	-----	5	BIG SAND	1	2	3
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					

-----	YEAR 2011	-----	6	BIG SAND	1	2	3
-----	YEAR 2012	-----					
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----					
-----	YEAR 2016	-----					
-----	YEAR 2017	-----					
-----	YEAR 2018	-----					
-----	YEAR 2019	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					
-----	YEAR 2026	-----					
-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					

-----	YEAR 2011	-----	7	CARD 1+2	1	2	3
-----	YEAR 2012	-----					
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----					
-----	YEAR 2016	-----					
-----	YEAR 2017	-----					
-----	YEAR 2018	-----					
-----	YEAR 2019	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					
-----	YEAR 2026	-----					
-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					

-----	YEAR 2011	-----	100.00	0.00	0.00
-----	YEAR 2012	-----	0.05	0.00	0.00
-----	YEAR 2013	-----			
-----	YEAR 2014	-----			
-----	YEAR 2015	-----			
-----	YEAR 2016	-----			
-----	YEAR 2017	-----			
-----	YEAR 2018	-----			
-----	YEAR 2019	-----			
-----	YEAR 2020	-----			
-----	YEAR 2021	-----			
-----	YEAR 2022	-----			
-----	YEAR 2023	-----			
-----	YEAR 2024	-----			
-----	YEAR 2025	-----			
-----	YEAR 2026	-----			
-----	YEAR 2027	-----			
-----	YEAR 2028	-----			
-----	YEAR 2029	-----			
-----	YEAR 2030	-----			
-----	YEAR 2031	-----			
-----	YEAR 2032	-----			
-----	YEAR 2033	-----			
-----	YEAR 2034	-----			
-----	YEAR 2035	-----			
-----	YEAR 2036	-----			
-----	YEAR 2037	-----			
-----	YEAR 2038	-----			
-----	YEAR 2039	-----			
-----	YEAR 2040	-----			

-----	YEAR 2011	-----	0.00	0.00	0.00
-----	YEAR 2012	-----	0.08	0.00	0.00
-----	YEAR 2013	-----			
-----	YEAR 2014	-----			
-----	YEAR 2015	-----			
-----	YEAR 2016	-----			
-----	YEAR 2017	-----			

YEAR	MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				
THERMAL UNIT UNIT FUELS	8	CARD 1+2	1 2	2 3
YEAR 2011				
MINIMUM BURN PCT	100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS	0.08		0.00	0.00
UNIT FUEL TYPE	8		0	0
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	8	CARD 1+2	1	2	3
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

THERMAL UNIT
UNIT FUELS

9 CARD 3 1 3 2 3

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

% \$/MBTU 100.00 0.00 0.00
FUEL ID 9 0 0

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

YEAR	MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUELS	CLIPFY	1	2	3
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT			10	CLIPFY	1	2	3
UNIT FUELS							
YEAR 2011							
MINIMUM BURN PCT			100.00		0.00		0.00
UNIT FUEL AUXILIARY COSTS			0.00		0.00		0.00
UNIT FUEL TYPE			10		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							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

YEAR	CLIFTY	1	2	3
YEAR 2029	10	CLIFTY	1	1
YEAR 2030	10	CLIFTY	1	1
YEAR 2031	10	CLIFTY	1	1
YEAR 2032	10	CLIFTY	1	1
YEAR 2033	10	CLIFTY	1	1
YEAR 2034	10	CLIFTY	1	1
YEAR 2035	10	CLIFTY	1	1
YEAR 2036	10	CLIFTY	1	1
YEAR 2037	10	CLIFTY	1	1
YEAR 2038	10	CLIFTY	1	1
YEAR 2039	10	CLIFTY	1	1
YEAR 2040	10	CLIFTY	1	1

THERMAL UNIT
UNIT FUELS

11 CLIFTY 1 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

% \$/MBTU 100.00 0.00 0.00
FUEL ID 11 0 0

YEAR 2011	11	CLIFTY	1	2	3
YEAR 2012	11	CLIFTY	1	2	3
YEAR 2013	11	CLIFTY	1	2	3
YEAR 2014	11	CLIFTY	1	2	3
YEAR 2015	11	CLIFTY	1	2	3
YEAR 2016	11	CLIFTY	1	2	3
YEAR 2017	11	CLIFTY	1	2	3
YEAR 2018	11	CLIFTY	1	2	3
YEAR 2019	11	CLIFTY	1	2	3
YEAR 2020	11	CLIFTY	1	2	3
YEAR 2021	11	CLIFTY	1	2	3
YEAR 2022	11	CLIFTY	1	2	3
YEAR 2023	11	CLIFTY	1	2	3
YEAR 2024	11	CLIFTY	1	2	3
YEAR 2025	11	CLIFTY	1	2	3
YEAR 2026	11	CLIFTY	1	2	3
YEAR 2027	11	CLIFTY	1	2	3
YEAR 2028	11	CLIFTY	1	2	3
YEAR 2029	11	CLIFTY	1	2	3
YEAR 2030	11	CLIFTY	1	2	3
YEAR 2031	11	CLIFTY	1	2	3
YEAR 2032	11	CLIFTY	1	2	3
YEAR 2033	11	CLIFTY	1	2	3
YEAR 2034	11	CLIFTY	1	2	3
YEAR 2035	11	CLIFTY	1	2	3
YEAR 2036	11	CLIFTY	1	2	3
YEAR 2037	11	CLIFTY	1	2	3
YEAR 2038	11	CLIFTY	1	2	3
YEAR 2039	11	CLIFTY	1	2	3
YEAR 2040	11	CLIFTY	1	2	3

THERMAL UNIT
UNIT FUELS

12 CLIFTY 1 3 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS

% \$/MBTU 100.00 0.00 0.00
0.00 0.00 0.00

UNIT FUEL TYPE	FUEL ID	12	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

13	CLIFFY	1	4	2	3
-----	YEAR 2011	-----			
MINIMUM BURN PCT		100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00		0.00	0.00
UNIT FUEL TYPE		13		0	0
-----	YEAR 2012	-----			
-----	YEAR 2013	-----			
-----	YEAR 2014	-----			
-----	YEAR 2015	-----			
-----	YEAR 2016	-----			
-----	YEAR 2017	-----			
-----	YEAR 2018	-----			
-----	YEAR 2019	-----			
-----	YEAR 2020	-----			
-----	YEAR 2021	-----			
-----	YEAR 2022	-----			
-----	YEAR 2023	-----			
-----	YEAR 2024	-----			
-----	YEAR 2025	-----			
-----	YEAR 2026	-----			
-----	YEAR 2027	-----			
-----	YEAR 2028	-----			
-----	YEAR 2029	-----			
-----	YEAR 2030	-----			
-----	YEAR 2031	-----			
-----	YEAR 2032	-----			
-----	YEAR 2033	-----			
-----	YEAR 2034	-----			
-----	YEAR 2035	-----			
-----	YEAR 2036	-----			
-----	YEAR 2037	-----			
-----	YEAR 2038	-----			
-----	YEAR 2039	-----			
-----	YEAR 2040	-----			
-----	YEAR 2011	-----			
MINIMUM BURN PCT		100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00		0.00	0.00
UNIT FUEL TYPE		14		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	MINIMUM BURN PCT	UNIT FUEL TYPE	ADDITIONAL COSTS	FUEL ID	CLIFFY	CLIFFY	CLIFFY
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT UNIT FUELS					15	1	6
YEAR 2011							
MINIMUM BURN PCT						100.00	0.00
UNIT FUEL TYPE						0.00	0.00
ADDITIONAL COSTS						15	0
FUEL ID							0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

15	CLIFFY	1	6	2	3
-----	YEAR 2023	-----	-----	-----	-----
-----	YEAR 2024	-----	-----	-----	-----
-----	YEAR 2025	-----	-----	-----	-----
-----	YEAR 2026	-----	-----	-----	-----
-----	YEAR 2027	-----	-----	-----	-----
-----	YEAR 2028	-----	-----	-----	-----
-----	YEAR 2029	-----	-----	-----	-----
-----	YEAR 2030	-----	-----	-----	-----
-----	YEAR 2031	-----	-----	-----	-----
-----	YEAR 2032	-----	-----	-----	-----
-----	YEAR 2033	-----	-----	-----	-----
-----	YEAR 2034	-----	-----	-----	-----
-----	YEAR 2035	-----	-----	-----	-----
-----	YEAR 2036	-----	-----	-----	-----
-----	YEAR 2037	-----	-----	-----	-----
-----	YEAR 2038	-----	-----	-----	-----
-----	YEAR 2039	-----	-----	-----	-----
-----	YEAR 2040	-----	-----	-----	-----

16 CLINCH R 1 2 3
THERMAL UNIT
UNIT FUELS

16	CLINCH R	1	2	3
-----	YEAR 2011	-----	-----	-----
-----	YEAR 2012	-----	-----	-----
-----	YEAR 2013	-----	-----	-----
-----	YEAR 2014	-----	-----	-----
-----	YEAR 2015	-----	-----	-----
-----	YEAR 2016	-----	-----	-----
-----	YEAR 2017	-----	-----	-----
-----	YEAR 2018	-----	-----	-----
-----	YEAR 2019	-----	-----	-----
-----	YEAR 2020	-----	-----	-----
-----	YEAR 2021	-----	-----	-----
-----	YEAR 2022	-----	-----	-----
-----	YEAR 2023	-----	-----	-----
-----	YEAR 2024	-----	-----	-----
-----	YEAR 2025	-----	-----	-----
-----	YEAR 2026	-----	-----	-----
-----	YEAR 2027	-----	-----	-----
-----	YEAR 2028	-----	-----	-----
-----	YEAR 2029	-----	-----	-----
-----	YEAR 2030	-----	-----	-----
-----	YEAR 2031	-----	-----	-----
-----	YEAR 2032	-----	-----	-----
-----	YEAR 2033	-----	-----	-----
-----	YEAR 2034	-----	-----	-----
-----	YEAR 2035	-----	-----	-----
-----	YEAR 2036	-----	-----	-----
-----	YEAR 2037	-----	-----	-----

MINIMUM BURN PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11 0.00 0.00
UNIT FUEL TYPE FUEL ID 16 0 0

YEAR	MINIMUM BURN PCT	UNIT FUEL TYPE	UNIT FUELS	CLINCH R	1	2	3
YEAR 2038							
YEAR 2039							
YEAR 2040							
YEAR 2011	100.00	0.11	17	1	2	2	3
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							

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

YEAR	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
MINIMUM BURN PCT																							
UNIT FUEL AUXILIARY COSTS																							
UNIT FUEL TYPE																							
YEAR 2011																							
YEAR 2012																							
YEAR 2013																							
YEAR 2014																							
YEAR 2015																							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

20	ROCKP_KP	1	2	3
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT
UNIT FUELS

21 CSVL 1-4 1 3 2 3

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN FUEL	\$/MPPD	0.07	0.00	0.00
UNIT FUEL AUXILIARY COSTS	FUEL_ID	21	0	0
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				

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

YEAR	MINIMUM BURN PCT	UNIT FUEL	UNIT FUEL TYPE	CSVL	1-4	1	4	2	3
YEAR 2031				22					
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT									
UNIT FUELS									
YEAR 2011									
MINIMUM BURN PCT						100.00		0.00	0.00
UNIT FUEL						0.10		0.00	0.00
UNIT FUEL TYPE						22		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									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	22	CSVL 1-4	1	4	2	3
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

THERMAL UNIT UNIT FUELS	23	CSVL 5+6	1	5	2	3
YEAR 2011	-----					
YEAR 2012	-----					
YEAR 2013	-----					
YEAR 2014	-----					
YEAR 2015	-----					
YEAR 2016	-----					
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

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

THERMAL UNIT UNIT FUELS	24	CSVL 5+6	1	6	2	3
YEAR 2011	-----					
YEAR 2012	-----					
YEAR 2013	-----					
YEAR 2014	-----					
YEAR 2015	-----					
YEAR 2016	-----					
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

MINIMUM BURN PCT UNIT FUEL ADVILARY COSTS	% \$/MBTU	100.00 0.07	0.00 0.00	0.00 0.00
YEAR 2011	-----			
YEAR 2012	-----			
YEAR 2013	-----			
YEAR 2014	-----			
YEAR 2015	-----			
YEAR 2016	-----			
YEAR 2017	-----			
YEAR 2018	-----			
YEAR 2019	-----			
YEAR 2020	-----			
YEAR 2021	-----			
YEAR 2022	-----			
YEAR 2023	-----			
YEAR 2024	-----			
YEAR 2025	-----			
YEAR 2026	-----			
YEAR 2027	-----			
YEAR 2028	-----			
YEAR 2029	-----			
YEAR 2030	-----			
YEAR 2031	-----			
YEAR 2032	-----			
YEAR 2033	-----			
YEAR 2034	-----			
YEAR 2035	-----			
YEAR 2036	-----			
YEAR 2037	-----			
YEAR 2038	-----			
YEAR 2039	-----			
YEAR 2040	-----			

UNIT FUEL TYPE	FUEL ID	24	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THRMAL UNIT UNIT FUELS	25	D C COOK	1	2	3
YEAR 2011					
MINIMUM BURR PCT		100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		25	0	0	0
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THRMAL UNIT	26	D C COOK	1	2	3
UNIT FUELS					
YEAR 2011					
MINIMUM BURR PCT		100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		26	0	0	0
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					

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

MINIMUM BURN PCT	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS
UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS
27	27	27	27	27	27	27	27	27	27
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
27	27	27	27	27	27	27	27	27	27
0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	27	GAVIN	1	2	3
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

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

THERMAL UNIT	28	GAVIN	1	2	3
UNIT FUELS					
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					

MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.06	0.00	0.00
UNIT FUEL TYPE	FUEL ID	28	0	0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	29	GLEN LYN	5	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

UNIT FUELS	30	GLEN LYN	6	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

UNIT FUELS	33	KAMMER	1	1	2	3
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						

MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	0.00	0.00
UNIT FUEL TYPE	FUEL ID	33	0	0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	34	KAMMER	1	2	2	3
YEAR 2016	----	----	----	----	----	----
YEAR 2017	----	----	----	----	----	----
YEAR 2018	----	----	----	----	----	----
YEAR 2019	----	----	----	----	----	----
YEAR 2020	----	----	----	----	----	----
YEAR 2021	----	----	----	----	----	----
YEAR 2022	----	----	----	----	----	----
YEAR 2023	----	----	----	----	----	----
YEAR 2024	----	----	----	----	----	----
YEAR 2025	----	----	----	----	----	----
YEAR 2026	----	----	----	----	----	----
YEAR 2027	----	----	----	----	----	----
YEAR 2028	----	----	----	----	----	----
YEAR 2029	----	----	----	----	----	----
YEAR 2030	----	----	----	----	----	----
YEAR 2031	----	----	----	----	----	----
YEAR 2032	----	----	----	----	----	----
YEAR 2033	----	----	----	----	----	----
YEAR 2034	----	----	----	----	----	----
YEAR 2035	----	----	----	----	----	----
YEAR 2036	----	----	----	----	----	----
YEAR 2037	----	----	----	----	----	----
YEAR 2038	----	----	----	----	----	----
YEAR 2039	----	----	----	----	----	----
YEAR 2040	----	----	----	----	----	----

THERMAL UNIT 35 KAMMER 1 3 2 3
UNIT FUELS

MINIMUM BURN FCT UNIT FOBL AUXILIARY COSTS UNIT FOBL TYPE	% \$/MBTU FUEL ID	100.00 0.20 35	0.00 0.00 0	0.00 0.00 0
YEAR 2011	----	----	----	----
YEAR 2012	----	----	----	----
YEAR 2013	----	----	----	----
YEAR 2014	----	----	----	----
YEAR 2015	----	----	----	----
YEAR 2016	----	----	----	----
YEAR 2017	----	----	----	----
YEAR 2018	----	----	----	----
YEAR 2019	----	----	----	----
YEAR 2020	----	----	----	----
YEAR 2021	----	----	----	----
YEAR 2022	----	----	----	----
YEAR 2023	----	----	----	----
YEAR 2024	----	----	----	----
YEAR 2025	----	----	----	----
YEAR 2026	----	----	----	----
YEAR 2027	----	----	----	----
YEAR 2028	----	----	----	----
YEAR 2029	----	----	----	----
YEAR 2030	----	----	----	----

YEAR 2030

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF,INPUT,THERMAL,UNIT.

THERMAL UNIT UNIT FUELS	36	KANAMHA	1	2	3
YEAR 2029	---	---	---	---	---
YEAR 2030	---	---	---	---	---
YEAR 2031	---	---	---	---	---
YEAR 2032	---	---	---	---	---
YEAR 2033	---	---	---	---	---
YEAR 2034	---	---	---	---	---
YEAR 2035	---	---	---	---	---
YEAR 2036	---	---	---	---	---
YEAR 2037	---	---	---	---	---
YEAR 2038	---	---	---	---	---
YEAR 2039	---	---	---	---	---
YEAR 2040	---	---	---	---	---

THERMAL UNIT UNIT FUELS	37	KANAMHA	1	2	3
YEAR 2011	---	---	---	---	---
YEAR 2012	---	---	---	---	---
YEAR 2013	---	---	---	---	---
YEAR 2014	---	---	---	---	---
YEAR 2015	---	---	---	---	---
YEAR 2016	---	---	---	---	---
YEAR 2017	---	---	---	---	---
YEAR 2018	---	---	---	---	---
YEAR 2019	---	---	---	---	---
YEAR 2020	---	---	---	---	---
YEAR 2021	---	---	---	---	---
YEAR 2022	---	---	---	---	---
YEAR 2023	---	---	---	---	---
YEAR 2024	---	---	---	---	---
YEAR 2025	---	---	---	---	---
YEAR 2026	---	---	---	---	---
YEAR 2027	---	---	---	---	---
YEAR 2028	---	---	---	---	---
YEAR 2029	---	---	---	---	---
YEAR 2030	---	---	---	---	---
YEAR 2031	---	---	---	---	---
YEAR 2032	---	---	---	---	---
YEAR 2033	---	---	---	---	---
YEAR 2034	---	---	---	---	---
YEAR 2035	---	---	---	---	---
YEAR 2036	---	---	---	---	---
YEAR 2037	---	---	---	---	---
YEAR 2038	---	---	---	---	---
YEAR 2039	---	---	---	---	---
YEAR 2040	---	---	---	---	---

MINIMUM BURN PCT UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.10 37	0.00 0.00 0	0.00 0.00 0
YEAR 2011	---	---	---	---
YEAR 2012	---	---	---	---
YEAR 2013	---	---	---	---
YEAR 2014	---	---	---	---
YEAR 2015	---	---	---	---
YEAR 2016	---	---	---	---
YEAR 2017	---	---	---	---
YEAR 2018	---	---	---	---
YEAR 2019	---	---	---	---
YEAR 2020	---	---	---	---
YEAR 2021	---	---	---	---
YEAR 2022	---	---	---	---
YEAR 2023	---	---	---	---
YEAR 2024	---	---	---	---
YEAR 2025	---	---	---	---
YEAR 2026	---	---	---	---
YEAR 2027	---	---	---	---
YEAR 2028	---	---	---	---
YEAR 2029	---	---	---	---
YEAR 2030	---	---	---	---
YEAR 2031	---	---	---	---
YEAR 2032	---	---	---	---
YEAR 2033	---	---	---	---
YEAR 2034	---	---	---	---
YEAR 2035	---	---	---	---
YEAR 2036	---	---	---	---
YEAR 2037	---	---	---	---
YEAR 2038	---	---	---	---
YEAR 2039	---	---	---	---
YEAR 2040	---	---	---	---

THERMAL UNIT UNIT FUELS	38	KYGER	1	2	3
YEAR 2011	---	---	---	---	---
YEAR 2012	---	---	---	---	---
YEAR 2013	---	---	---	---	---
YEAR 2014	---	---	---	---	---
YEAR 2015	---	---	---	---	---
YEAR 2016	---	---	---	---	---
YEAR 2017	---	---	---	---	---
YEAR 2018	---	---	---	---	---
YEAR 2019	---	---	---	---	---
YEAR 2020	---	---	---	---	---
YEAR 2021	---	---	---	---	---
YEAR 2022	---	---	---	---	---
YEAR 2023	---	---	---	---	---
YEAR 2024	---	---	---	---	---
YEAR 2025	---	---	---	---	---
YEAR 2026	---	---	---	---	---
YEAR 2027	---	---	---	---	---
YEAR 2028	---	---	---	---	---
YEAR 2029	---	---	---	---	---
YEAR 2030	---	---	---	---	---
YEAR 2031	---	---	---	---	---
YEAR 2032	---	---	---	---	---
YEAR 2033	---	---	---	---	---
YEAR 2034	---	---	---	---	---
YEAR 2035	---	---	---	---	---
YEAR 2036	---	---	---	---	---
YEAR 2037	---	---	---	---	---
YEAR 2038	---	---	---	---	---
YEAR 2039	---	---	---	---	---
YEAR 2040	---	---	---	---	---

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

UNIT FUEL TYPE	FUEL ID	38	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	MINIMUM BURR PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	YEAR	MINIMUM BURR PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE
YEAR 2011				YEAR 2011			
YEAR 2012				YEAR 2012			
YEAR 2013				YEAR 2013			
YEAR 2014				YEAR 2014			
YEAR 2015				YEAR 2015			
YEAR 2016				YEAR 2016			
YEAR 2017				YEAR 2017			
YEAR 2018				YEAR 2018			
YEAR 2019				YEAR 2019			
YEAR 2020				YEAR 2020			
YEAR 2021				YEAR 2021			
YEAR 2022				YEAR 2022			
YEAR 2023				YEAR 2023			
YEAR 2024				YEAR 2024			
YEAR 2025				YEAR 2025			
YEAR 2026				YEAR 2026			
YEAR 2027				YEAR 2027			
YEAR 2028				YEAR 2028			
YEAR 2029				YEAR 2029			
YEAR 2030				YEAR 2030			
YEAR 2031				YEAR 2031			
YEAR 2032				YEAR 2032			
YEAR 2033				YEAR 2033			
YEAR 2034				YEAR 2034			
YEAR 2035				YEAR 2035			
YEAR 2036				YEAR 2036			
YEAR 2037				YEAR 2037			
YEAR 2038				YEAR 2038			
YEAR 2039				YEAR 2039			
YEAR 2040				YEAR 2040			

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	UNIT	FUELS
YEAR 2023	41	KYGER 1 4 2 3
YEAR 2024		
YEAR 2025		
YEAR 2026		
YEAR 2027		
YEAR 2028		
YEAR 2029		
YEAR 2030		
YEAR 2031		
YEAR 2032		
YEAR 2033		
YEAR 2034		
YEAR 2035		
YEAR 2036		
YEAR 2037		
YEAR 2038		
YEAR 2039		
YEAR 2040		

THERMAL UNIT	42	KYGER	1	5	2	3
UNIT FUELS						

YEAR	MINIMUM BORN PCT	UNIT FUEL AUXILIARY COSTS	FUEL ID	%	\$/MWh
YEAR 2011	100.00	0.00	0	0.00	0.00
YEAR 2012	42	0.00	42	0.00	0.00
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					

YEAR	MINIMUM BURN PCT	UNIT FUEL	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
YEAR 2011	43	MITCHELL	1	2	3
UNIT FUELS					
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

43 MITCHELL 1 2 3

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

44 MITCHELL 1 2 3

MINIMUM BURN PCT
UNIT FUEL, AUXILIARY COSTS
UNIT FUEL TYPE
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017
YEAR 2018
YEAR 2019
YEAR 2020
YEAR 2021
YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025
YEAR 2026
YEAR 2027
YEAR 2028
YEAR 2029
YEAR 2030
YEAR 2031
YEAR 2032
YEAR 2033
YEAR 2034
YEAR 2035
YEAR 2036
YEAR 2037
YEAR 2038
YEAR 2039
YEAR 2040

% \$/MBTU \$/MBTU
FUEL ID FUEL ID FUEL ID
100.00 0.00 0.00
0.05 0.00 0.00
44 0 0

THERMAL UNIT
UNIT FUELS
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017

45 MOUNT_ER 1 2 3

MINIMUM BURN PCT
UNIT FUEL, AUXILIARY COSTS
UNIT FUEL TYPE
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017

% \$/MBTU \$/MBTU
FUEL ID FUEL ID FUEL ID
100.00 0.00 0.00
0.00 0.00 0.00
45 0 0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	46	MUSK RVR	1	2	3
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

THERMAL UNIT UNIT FUELS	47	MUSK RVR	1	2	3
----- YEAR 2011 -----					
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					

MINIMUM BURN PCT UNIT FUEL TYPE	\$/MBTU FUEL ID	100.00 0.05 47	0.00 0.00 0	0.00 0.00 0
----- YEAR 2011 -----				
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				

-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
	THERMAL UNIT		48	MUSK	PVR	1	3	2	3
	UNIT FUELS								
	YEAR 2011	-----							
	MINIMUM BURR FCT				100.00		0.00		0.00
	UNIT FUEL AUXILIARY COSTS				0.05		0.00		0.00
	UNIT FUEL TYPE				48		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	-----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	48	MUSK RVR	1	3	2	3
YEAR 2029	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---

THERMAL UNIT
UNIT FUELS

49 MUSK RVR 1 4 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

% \$/MBTU FUEL ID
100.00 0.00 0.00
0.05 0.00 0.00
49 0 0

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

THERMAL UNIT
UNIT FUELS

50 MUSK RVR 1 5 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS

% \$/MBTU
100.00 0.00 0.00
0.05 0.00 0.00

UNIT FUEL TYPE	FUEL ID	50	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	51	P	SPORN	1	2	3
YEAR 2011						
MINIMUM BURN PCT			100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS			0.11		0.00	0.00
UNIT FUEL TYPE			51		0	0
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT UNIT FUELS	52	P	SPORN	1	2	3
YEAR 2011						
MINIMUM BURN PCT			100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS			0.11		0.00	0.00
UNIT FUEL TYPE			52		0	0
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						

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

THEMAL UNIT
 UNIT FUELS

53 P SPORN 1 3 2 3

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

MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

8 \$/MBTU
 100.00
 0.11
 53
 0
 0
 0
 0
 0
 0
 0
 0
 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	53	P	SPORN	1	2	3
UNIT FUELS						

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

THERMAL UNIT	54	P	SPORN	1	2	3
UNIT FUELS						

MINIMUM BORN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11	0.00	0.00
UNIT FUEL TYPE	FUEL ID	54	0	0

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

YEAR	MINIMUM BURN FUEL UNIT FUEL	MINIMUM BURN FUEL UNIT FUEL	MINIMUM BURN FUEL UNIT FUEL	MINIMUM BURN FUEL UNIT FUEL	MINIMUM BURN FUEL UNIT FUEL
YEAR	2038	2039	2040	2041	2042
YEAR 2038	55	100.00	0.00	0.00	0.00
YEAR 2039	55	0.11	0.00	0.00	0.00
YEAR 2040	55	0	0	0	0
YEAR 2041	55	0	0	0	0
YEAR 2042	55	0	0	0	0
YEAR 2043	55	0	0	0	0
YEAR 2044	55	0	0	0	0
YEAR 2045	55	0	0	0	0
YEAR 2046	55	0	0	0	0
YEAR 2047	55	0	0	0	0
YEAR 2048	55	0	0	0	0
YEAR 2049	55	0	0	0	0
YEAR 2050	55	0	0	0	0
YEAR 2051	55	0	0	0	0
YEAR 2052	55	0	0	0	0
YEAR 2053	55	0	0	0	0
YEAR 2054	55	0	0	0	0
YEAR 2055	55	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT
UNIT FUELS

YEAR 2036

YEAR 2037

YEAR 2038

YEAR 2039

YEAR 2040

55 P SPORN 1 5 2 3

THERMAL UNIT
UNIT FUELS

56 PICWAY 1 5 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%
\$/MBTU
FUELS ID

100.00 0.00 0.00
0.10 0.00 0.00
56 0 0

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

THERMAL UNIT
UNIT FUELS

YEAR 2011

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

57 RPPRT_TM 1 1 2 3
%
\$/MBTU
FUELS ID

100.00 0.00 0.00
0.06 0.00 0.00
58 0 0

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

YEAR	MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	YEAR	MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE
YEAR 2018				YEAR 2011			
YEAR 2019				YEAR 2012			
YEAR 2020				YEAR 2013			
YEAR 2021				YEAR 2014			
YEAR 2022				YEAR 2015			
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	58	RPRUN_IM	1	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT 59 ROCKP_IM 1 2 3
UNIT FUELS

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN PCT	\$/MBTU	0.06	0.00	0.00
UNIT FUEL TYPE	FUEL ID	59	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				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	UNIT	FUELS	STUART	1	2	3
YEAR 2029	61	STUART	1	1	2	3
YEAR 2030	61	STUART	1	1	2	3
YEAR 2031	61	STUART	1	1	2	3
YEAR 2032	61	STUART	1	1	2	3
YEAR 2033	61	STUART	1	1	2	3
YEAR 2034	61	STUART	1	1	2	3
YEAR 2035	61	STUART	1	1	2	3
YEAR 2036	61	STUART	1	1	2	3
YEAR 2037	61	STUART	1	1	2	3
YEAR 2038	61	STUART	1	1	2	3
YEAR 2039	61	STUART	1	1	2	3
YEAR 2040	61	STUART	1	1	2	3

THERMAL UNIT
UNIT FUELS

62 STUART 1 2 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

% \$/MBTU \$/MBTU
100.00 0.00 0.00
0.06 0.00 0.00
62 0 0

YEAR 2011	62	STUART	1	2	2	3
YEAR 2012	62	STUART	1	2	2	3
YEAR 2013	62	STUART	1	2	2	3
YEAR 2014	62	STUART	1	2	2	3
YEAR 2015	62	STUART	1	2	2	3
YEAR 2016	62	STUART	1	2	2	3
YEAR 2017	62	STUART	1	2	2	3
YEAR 2018	62	STUART	1	2	2	3
YEAR 2019	62	STUART	1	2	2	3
YEAR 2020	62	STUART	1	2	2	3
YEAR 2021	62	STUART	1	2	2	3
YEAR 2022	62	STUART	1	2	2	3
YEAR 2023	62	STUART	1	2	2	3
YEAR 2024	62	STUART	1	2	2	3
YEAR 2025	62	STUART	1	2	2	3
YEAR 2026	62	STUART	1	2	2	3
YEAR 2027	62	STUART	1	2	2	3
YEAR 2028	62	STUART	1	2	2	3
YEAR 2029	62	STUART	1	2	2	3
YEAR 2030	62	STUART	1	2	2	3
YEAR 2031	62	STUART	1	2	2	3
YEAR 2032	62	STUART	1	2	2	3
YEAR 2033	62	STUART	1	2	2	3
YEAR 2034	62	STUART	1	2	2	3
YEAR 2035	62	STUART	1	2	2	3
YEAR 2036	62	STUART	1	2	2	3
YEAR 2037	62	STUART	1	2	2	3
YEAR 2038	62	STUART	1	2	2	3
YEAR 2039	62	STUART	1	2	2	3
YEAR 2040	62	STUART	1	2	2	3

THERMAL UNIT
UNIT FUELS

63 STUART 1 3 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS

% \$/MBTU \$/MBTU \$/MBTU
100.00 0.00 0.00
0.06 0.00 0.00

UNIT FUEL TYPE	FUEL ID
YEAR 2012	63
YEAR 2013	0
YEAR 2014	0
YEAR 2015	0
YEAR 2016	0
YEAR 2017	0
YEAR 2018	0
YEAR 2019	0
YEAR 2020	0
YEAR 2021	0
YEAR 2022	0
YEAR 2023	0
YEAR 2024	0
YEAR 2025	0
YEAR 2026	0
YEAR 2027	0
YEAR 2028	0
YEAR 2029	0
YEAR 2030	0
YEAR 2031	0
YEAR 2032	0
YEAR 2033	0
YEAR 2034	0
YEAR 2035	0
YEAR 2036	0
YEAR 2037	0
YEAR 2038	0
YEAR 2039	0
YEAR 2040	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	64	STUART	1	4	2	3
UNIT FUELS						
----- YEAR 2011 -----						
MINIMUM BURN PCT		100.00			0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.06			0.00	0.00
UNIT FUEL TYPE		64			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 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT	65	AMOS_AP	1	3	2	3
UNIT FUELS						
----- YEAR 2011 -----						
MINIMUM BURN PCT		100.00			0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.08			0.00	0.00
UNIT FUEL TYPE		3			0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						

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

MINIMUM BURN PCT.	UNIT FUEL TYPE	MINIMUM BURN PCT.	UNIT FUEL TYPE	MINIMUM BURN PCT.	UNIT FUEL TYPE
66	66	100.00	66	0.00	0.00
		0.24		0.00	0.00
				0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT 66 TANN 1-3 1 2 3
UNIT FUELS

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

----- THERMAL UNIT 67 TANN 1-3 1 2 3
UNIT FUELS

----- YEAR 2011 -----
MINIMUM BURH PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.24 0.00 0.00
UNIT FUEL TYPE FUEL ID 67 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	68	TANN 1-3 1	3	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT UNIT FUELS	69	TANN 4 1	4	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.29 69	0.00 0.00 0	0.00 0.00 0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT UNIT FUELS	70	ZIMMER 1	1	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.11 70	0.00 0.00 0	0.00 0.00 0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

THEMAL UNIT UNIT FUELS	71	ROBTMONE 1	2	3
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

THEMAL UNIT
UNIT FUELS

72 ROBTMONE 1 2 3

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

0.00 0.00 0.00
0.00 0.00 0.00
71 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 -----				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	73	ROBYMOND 1 3	2	3
YEAR 2029	-----			
YEAR 2030	-----			
YEAR 2031	-----			
YEAR 2032	-----			
YEAR 2033	-----			
YEAR 2034	-----			
YEAR 2035	-----			
YEAR 2036	-----			
YEAR 2037	-----			
YEAR 2038	-----			
YEAR 2039	-----			
YEAR 2040	-----			

THERMAL UNIT UNIT FUELS	75	CEREDO 1 1	2	3
YEAR 2011	-----			
YEAR 2012	-----			
YEAR 2013	-----			
YEAR 2014	-----			
YEAR 2015	-----			
YEAR 2016	-----			
YEAR 2017	-----			
YEAR 2018	-----			
YEAR 2019	-----			
YEAR 2020	-----			
YEAR 2021	-----			
YEAR 2022	-----			
YEAR 2023	-----			
YEAR 2024	-----			
YEAR 2025	-----			
YEAR 2026	-----			
YEAR 2027	-----			
YEAR 2028	-----			
YEAR 2029	-----			
YEAR 2030	-----			
YEAR 2031	-----			
YEAR 2032	-----			
YEAR 2033	-----			
YEAR 2034	-----			
YEAR 2035	-----			
YEAR 2036	-----			
YEAR 2037	-----			
YEAR 2038	-----			
YEAR 2039	-----			
YEAR 2040	-----			

MINIMUM BURN PCT UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.00 72	0.00 0.00 0	0.00 0.00 0
YEAR 2011	-----			
YEAR 2012	-----			
YEAR 2013	-----			
YEAR 2014	-----			
YEAR 2015	-----			
YEAR 2016	-----			
YEAR 2017	-----			
YEAR 2018	-----			
YEAR 2019	-----			
YEAR 2020	-----			
YEAR 2021	-----			
YEAR 2022	-----			
YEAR 2023	-----			
YEAR 2024	-----			
YEAR 2025	-----			
YEAR 2026	-----			
YEAR 2027	-----			
YEAR 2028	-----			
YEAR 2029	-----			
YEAR 2030	-----			
YEAR 2031	-----			
YEAR 2032	-----			
YEAR 2033	-----			
YEAR 2034	-----			
YEAR 2035	-----			
YEAR 2036	-----			
YEAR 2037	-----			
YEAR 2038	-----			
YEAR 2039	-----			
YEAR 2040	-----			

THERMAL UNIT UNIT FUELS	76	CEREDO 1 2	2	3
YEAR 2011	-----			
YEAR 2012	-----			
YEAR 2013	-----			
YEAR 2014	-----			
YEAR 2015	-----			
YEAR 2016	-----			
YEAR 2017	-----			
YEAR 2018	-----			
YEAR 2019	-----			
YEAR 2020	-----			
YEAR 2021	-----			
YEAR 2022	-----			
YEAR 2023	-----			
YEAR 2024	-----			
YEAR 2025	-----			
YEAR 2026	-----			
YEAR 2027	-----			
YEAR 2028	-----			
YEAR 2029	-----			
YEAR 2030	-----			
YEAR 2031	-----			
YEAR 2032	-----			
YEAR 2033	-----			
YEAR 2034	-----			
YEAR 2035	-----			
YEAR 2036	-----			
YEAR 2037	-----			
YEAR 2038	-----			
YEAR 2039	-----			
YEAR 2040	-----			

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

UNIT FUEL TYPE	FUEL ID	72	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

77	CEREDO	1	3	2	3
MINIMUM BURN PCT		100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		72	0	0	0
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
78	CEREDO	1	4	2	3
MINIMUM BURN PCT		100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		72	0	0	0
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					

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

----- THERMAL UNIT 79 CEREBO 1 5 2 3
 UNIT FUELS

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

FUEL ID	\$/MBTU	1	2	3
72	100.00	0.00	0.00	0.00
0	0.00	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	79	CEREDO	1	5	2	3
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT
UNIT FUELS

80 CEREDO 1 6 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%
\$/MBTU
FUEL ID

100.00
0.00
72

0.00
0.00
0

0.00
0.00
0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

81 DARBV 1 1 2 3

----- YEAR 2011 -----
 THERMAL UNIT
 UNIT FUELS

82 DARBV 1 2 2 3

----- YEAR 2012 -----
 MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%
 \$/MBTU
 FUEL ID
 100.00 0.00 0.00
 0.100 0.00 0.00
 72 0 0

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

83 DARBV 1 3 2 3

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

%
 \$/MBTU
 FUEL ID
 100.00 0.00 0.00
 0.00 0.00 0.00
 72 0 0

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

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

84 DARBV 1 4 2 3

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

MINIMUM BURN PCT 100.00 0.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00 0.00
 UNIT FUEL TYPE 72 0 0 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	84	DARBY	1	4	2	3
YEAR 2016	-----					
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

THERMAL UNIT UNIT FUELS	85	DARBY	1	5	2	3
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MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	%	\$/MBTU	100.00	0.00	0.00	0.00
YEAR 2011	-----		100.00	0.00	0.00	0.00
YEAR 2012	-----		72	0	0	0
YEAR 2013	-----					
YEAR 2014	-----					
YEAR 2015	-----					
YEAR 2016	-----					
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT UNIT FUELS	86	DARBY	1	6	2	3
YEAR 2029	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---

THERMAL UNIT UNIT FUELS	87	LMBG WIN	1	2	3
YEAR 2011	---	---	---	---	---
YEAR 2012	---	---	---	---	---
YEAR 2013	---	---	---	---	---
YEAR 2014	---	---	---	---	---
YEAR 2015	---	---	---	---	---
YEAR 2016	---	---	---	---	---
YEAR 2017	---	---	---	---	---
YEAR 2018	---	---	---	---	---
YEAR 2019	---	---	---	---	---
YEAR 2020	---	---	---	---	---
YEAR 2021	---	---	---	---	---
YEAR 2022	---	---	---	---	---
YEAR 2023	---	---	---	---	---
YEAR 2024	---	---	---	---	---
YEAR 2025	---	---	---	---	---
YEAR 2026	---	---	---	---	---
YEAR 2027	---	---	---	---	---
YEAR 2028	---	---	---	---	---
YEAR 2029	---	---	---	---	---
YEAR 2030	---	---	---	---	---
YEAR 2031	---	---	---	---	---
YEAR 2032	---	---	---	---	---
YEAR 2033	---	---	---	---	---
YEAR 2034	---	---	---	---	---
YEAR 2035	---	---	---	---	---
YEAR 2036	---	---	---	---	---
YEAR 2037	---	---	---	---	---
YEAR 2038	---	---	---	---	---
YEAR 2039	---	---	---	---	---
YEAR 2040	---	---	---	---	---

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MSTU FUEL ID	100.00 0.00 71	0.00 0.00 0	0.00 0.00 0
YEAR 2011	---	---	---	---
YEAR 2012	---	---	---	---
YEAR 2013	---	---	---	---
YEAR 2014	---	---	---	---
YEAR 2015	---	---	---	---
YEAR 2016	---	---	---	---
YEAR 2017	---	---	---	---
YEAR 2018	---	---	---	---
YEAR 2019	---	---	---	---
YEAR 2020	---	---	---	---
YEAR 2021	---	---	---	---
YEAR 2022	---	---	---	---
YEAR 2023	---	---	---	---
YEAR 2024	---	---	---	---
YEAR 2025	---	---	---	---
YEAR 2026	---	---	---	---
YEAR 2027	---	---	---	---
YEAR 2028	---	---	---	---
YEAR 2029	---	---	---	---
YEAR 2030	---	---	---	---
YEAR 2031	---	---	---	---
YEAR 2032	---	---	---	---
YEAR 2033	---	---	---	---
YEAR 2034	---	---	---	---
YEAR 2035	---	---	---	---
YEAR 2036	---	---	---	---
YEAR 2037	---	---	---	---
YEAR 2038	---	---	---	---
YEAR 2039	---	---	---	---
YEAR 2040	---	---	---	---

THERMAL UNIT UNIT FUELS	88	LMBG WIN	1	2	3
YEAR 2011	---	---	---	---	---
YEAR 2012	---	---	---	---	---
YEAR 2013	---	---	---	---	---
YEAR 2014	---	---	---	---	---
YEAR 2015	---	---	---	---	---
YEAR 2016	---	---	---	---	---
YEAR 2017	---	---	---	---	---
YEAR 2018	---	---	---	---	---
YEAR 2019	---	---	---	---	---
YEAR 2020	---	---	---	---	---
YEAR 2021	---	---	---	---	---
YEAR 2022	---	---	---	---	---
YEAR 2023	---	---	---	---	---
YEAR 2024	---	---	---	---	---
YEAR 2025	---	---	---	---	---
YEAR 2026	---	---	---	---	---
YEAR 2027	---	---	---	---	---
YEAR 2028	---	---	---	---	---
YEAR 2029	---	---	---	---	---
YEAR 2030	---	---	---	---	---
YEAR 2031	---	---	---	---	---
YEAR 2032	---	---	---	---	---
YEAR 2033	---	---	---	---	---
YEAR 2034	---	---	---	---	---
YEAR 2035	---	---	---	---	---
YEAR 2036	---	---	---	---	---
YEAR 2037	---	---	---	---	---
YEAR 2038	---	---	---	---	---
YEAR 2039	---	---	---	---	---
YEAR 2040	---	---	---	---	---

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

UNIT FUEL TYPE	FUEL ID	71	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	89	IMBG SMR	1	2	3
YEAR 2011					
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	71	0	0	0
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT UNIT FUELS	90	IMBG SMR	1	2	3
YEAR 2011					
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	71	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					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT 91 WATR CC 1 2 3
UNIT FUELS

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

THERMAL UNIT 92 WATR2 1 2 3
UNIT FUELS

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

MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL ADJUTLARY COSTS	\$/MTPU	0.00	-0.00	0.00
UNIT FUEL TYPE	FUEL ID	72	0	0

YEAR	2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
MINIMUM BURN PCT				93																								
UNIT FUEL TYPE				DRESDEN																								
UNIT FUELS				1	1	2	3																					
				100.00	0.00	0.00	0.00																					
				0.00	0.00	0.00	0.00																					
				73																								

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THermal UNIT UNIT FUELS	93	DRESDEN	1	2	3
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THermal UNIT UNIT FUELS	94	DRESD2	1	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00	0.00	0.00	0.00
UNIT FUEL, AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL, TYPE		73	0	0	0

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

THermal UNIT UNIT FUELS	101	NUCLEAR	1	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00	0.00	0.00	0.00
UNIT FUEL, AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL, TYPE		25	0	0	0

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

```

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

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THERMAL UNIT          102      UPC_NCCS  1      2      3
UNIT FUELS

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT          100.00
UNIT FUEL AUXILIARY COSTS  0.00
UNIT FUEL TYPE           45
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

```

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	102	UPC_NCCS	1	2	3
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

THERMAL UNIT 103 FC_UT_SU 1 1 2 3
UNIT FUELS

MINIMUM BORN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	45	0	0
----- YEAR 2011 -----				
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	104	UPC_RCCS	1	2	3
YEAR 2029	-----				
YEAR 2030	-----				
YEAR 2031	-----				
YEAR 2032	-----				
YEAR 2033	-----				
YEAR 2034	-----				
YEAR 2035	-----				
YEAR 2036	-----				
YEAR 2037	-----				
YEAR 2038	-----				
YEAR 2039	-----				
YEAR 2040	-----				

THERMAL UNIT UNIT FUELS	105	IGC_NCCS	1	2	3
----------------------------	-----	----------	---	---	---

YEAR 2011	100.00	0.00	0.00
MINIMUM BURN PCT	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	45	0	0
UNIT FUEL TYPE			

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

THERMAL UNIT UNIT FUELS	106	IGCC GB	1	2	3
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YEAR 2011	100.00	0.00	0.00
MINIMUM BURN PCT	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS			

UNIT FUEL TYPE	FUEL ID	45	0	0
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	107	IGC_RCCS	1	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		45	0	0	0
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT UNIT FUELS	108	CC 2X1FB	1	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	0.00
UNIT FUEL TYPE		72	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					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	109	CC 2x1FA 1	2	3
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT UNIT FUELS	110	CC 1x17H 1	2	3
----------------------------	-----	---------------	---	---

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN PCT	\$/MBTU	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	FUEL ID	72	0	0
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				

YEAR	MINIMUM BURN PCT	UNIT FUEL	ADDITIONAL COSTS	BSZ_CC	FUEL ID
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
UNIT FUELS					
YEAR 2011	111	BSZ_CC	1	1	2
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					

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.

----- YEAR 2036 -----
 THERMAL UNIT 111
 UNIT FUELS
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

111 BS2_CC 1 1 2 3

----- YEAR 2011 -----
 THERMAL UNIT 114
 UNIT FUELS

114 CT_GETFA 1 1 2 3

MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

% \$/MBTU
 100.00 0.00 0.00
 0.00 0.00 0.00
 72 0 0

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

THERMAL UNIT
 UNIT FUELS

115 CT_GETFA 1 1 2 3

MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

% \$/MBTU
 100.00 0.00 0.00
 0.00 0.00 0.00
 72 0 0

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

```

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

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

```

```

THERMAL UNIT          124      BS2_FGD  1  2  3
UNIT FUELS
MINIMUM BURN PCT          100.00
UNIT FUEL AUXILIARY COSTS  0.05
UNIT FUEL TYPE           FUEL_ID  6  0  0

```

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR_INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	124	BS2_FGD 1	2	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT UNIT FUELS	125	BS1_FGD 1	1	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.05 5	0.00 0.00 0	0.00 0.00 0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	UNIT	126	127	129
YEAR 2029	-----			
YEAR 2030	-----			
YEAR 2031	-----			
YEAR 2032	-----			
YEAR 2033	-----			
YEAR 2034	-----			
YEAR 2035	-----			
YEAR 2036	-----			
YEAR 2037	-----			
YEAR 2038	-----			
YEAR 2039	-----			
YEAR 2040	-----			

----- THERMAL UNIT 127 CSV6_SCR 1 6 2 3
UNIT FUELS

----- YEAR 2011 -----
MINIMUM BURN PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.07 0.00 0.00
UNIT FUEL TYPE 24 0 0

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

----- THERMAL UNIT 129 CRI_NGCC 1 1 2 3
UNIT FUELS

----- YEAR 2011 -----
MINIMUM BURN PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.11 0.00 0.00

UNIT FUEL TYPE	FUEL ID	72	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	130	CR2_NGCC	1	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT	131	MRS_NGCC	1	5	2	3
UNIT FUELS						
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						

MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.05	0.00	0.00
UNIT FUEL TYPE	FUEL ID	81	0	0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				

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

----- THERMAL UNIT 132 MRS_FGD 1 5 2 3 -----
 UNIT FUELS

----- YEAR 2011 -----
 MINIMUM BURN PCT 100.00
 UNIT FUEL AUXILIARY COSTS 0.05
 UNIT FUEL TYPE 31
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

----- % 0.00 0.00 0.00 -----
 \$/MBTU 0.05 0.00 0.00
 FUEL ID 31 0 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	132	MRS_FGD	1	5	2	3
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT UNIT FUELS	133	RPID_IM	1	1	2	3
----------------------------	-----	---------	---	---	---	---

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.06 58	0.00 0.00 0	0.00 0.00 0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

134 RP2D_IM 1 2 3

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

135 TAN4_FGD 1 4 2 3
 % 100.00 0.00 0.00
 \$/MBTU 0.29 0.00 0.00
 FUEL ID 69 0 0

 THERMAL UNIT
 UNIT FUELS
 YEAR 2011 -----
 YEAR 2012 -----
 YEAR 2013 -----
 YEAR 2014 -----
 YEAR 2015 -----
 YEAR 2016 -----
 YEAR 2017 -----

136 RP1D_KP 1 1 2 3
 % 100.00 0.00 0.00
 \$/MBTU 0.06 0.00 0.00
 FUEL ID 58 0 0

 MINIMUM BURR PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE
 YEAR 2011 -----
 YEAR 2012 -----
 YEAR 2013 -----
 YEAR 2014 -----
 YEAR 2015 -----
 YEAR 2016 -----
 YEAR 2017 -----

YEAR	MINIMUM BURN PCT	UNIT FUELS	RP2D_KP	% S/MBTU FUELS	AUXILIARY COSTS
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT UNIT FUELS	137	RP2D_KP	1 2	2	3
YEAR 2011					
MINIMUM BURN PCT	100.00			0.00	0.00
UNIT FUELS	0.06			0.00	0.00
AUXILIARY COSTS	59			0	0
UNIT FUELS					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT UNIT FUELS	137	RP2D_KP 1	2	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
UNIT FUELS

144 TC4_BSP 1 4 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%
\$/MBTU
FUEL ID

100.00
0.29
69

0.00
0.00
0

0.00
0.00
0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	145	A390% AP	1	3	2	3
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

MINIMUM BURN PCT	146	A390%OP	1	3	2	3
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

UNIT FUELS	147	MTR_90%	1	1	2	3
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

4-Company Best Optimization

UNIT FUEL TYPE	FUEL ID	45	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	148	RPT1_90%	1	2	3
----- YEAR 2011 -----					
MINIMUM BURN PCT		100.00	0.00	1.98	
UNIT FUEL AUXILIARY COSTS		0.06	0.00	0.00	
UNIT FUEL TYPE		58	0	624	
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

THERMAL UNIT	149	RPT2_90%	1	2	3
UNIT FUELS					
----- YEAR 2011 -----					
MINIMUM BURN PCT		100.00	0.00	1.98	
UNIT FUEL AUXILIARY COSTS		0.06	0.00	0.00	
UNIT FUEL TYPE		59	0	625	
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	150	GV1_90#	1	2	3
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

THERMAL UNIT UNIT FUELS	151	GV2_90#	1	2	3
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MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.06 28	0.00 0.00 0	0.00 0.00 0
----- YEAR 2011 -----				
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				

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

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

153 MTN_188 1 2 3

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

154 CC_PA_KP 1 2 3
\$ /MBTU 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00
MINIMUM BURN PCT 0.00 0.00 0.00
UNIT FUEL TYPE 72 0 0

THERMAL UNIT
UNIT FUELS
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017

155 CT_OHIO 1 2 3
% 100.00 0.00 0.00
\$/MBTU 0.00 0.00 0.00
UNIT FUEL TYPE 172 0 0

THERMAL UNIT
UNIT FUELS
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017

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

----- THERMAL UNIT 156 CC_OH 1 1 2 3

UNIT FUELS

MINIMUM BURN PCT 100.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00 0.00 0.00
 UNIT FUEL TYPE FUEL ID 72 0 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	156	CC_OH	1	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT UNIT FUELS	157	CT_IDM	1	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					

MINIMUM BURD PCT 100.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00
 UNIT FUEL TYPE 72 0 0

YEAR	MINIMUM BURN FUEL UNIT FUEL TYPE	% \$/MBTU FUEL ID	CC_1M	1	2	3
YEAR 2031			158	1		
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT						
UNIT FUELS						
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	158	CC_1M	1	2	3
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT 159 CT_ARCO 1 1 2 3
UNIT FUELS

YEAR 2011	%	100.00	0.00	0.00
MINIMUM BURN PCT	\$/MBTU	0.00	0.00	0.00
UNIT FUEL AOXILIARY COSTS	FUEL_ID	72	0	0

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

THERMAL UNIT 160 CC_ARCO 1 1 2 3
UNIT FUELS

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

UNIT FUEL TYPE	FUEL ID	72	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	161	CT_KPCO	1	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00	0.00	0.00	
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	
UNIT FUEL TYPE		72	0	0	
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT	162	CC_KPCO	1	2	3
UNIT FUELS					
YEAR 2011					
MINIMUM BURN PCT		100.00	0.00	0.00	
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	
UNIT FUEL TYPE		72	0	0	
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					

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

 THERMAL UNIT
 UNIT FUELS

163 BS2 FGD 1 1 2 3

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

MINIMUM BURN PCT 100.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS 0.05 0.00 0.00
 UNIT FUEL TYPE 31 0 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	163	BS2 FGD	1	2	3
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT	164	BS2 FGD	1	5	2	3
UNIT FUELS						

YEAR	%	MINIMUM BURN PCT	\$/MFTU	FUEL ID
YEAR 2011	100.00	0.00	0.00	0
YEAR 2012	0.05	0.00	0.00	0
YEAR 2013	32	0.00	0.00	0
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF, INPUT, THERMAL UNIT.

THERMAL UNIT UNIT FUELS	155	BS2 FGD 1 22	2	3
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

THERMAL UNIT UNIT FUELS	166	BS2 FGD 1 23	2	3
----- YEAR 2011 -----				
MINIMUM BURN PCT		100.00	0.00	0.00
UNIT FUEL, AUXILIARY COSTS		0.05	0.00	0.00
UNIT FUEL, TYPE		6	0	0
UNIT FUEL, ID				
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

THERMAL UNIT 168 IGCC AP 1 1 2 3

UNIT FUELS

----- YEAR 2011 -----	100.00	0.00	0.00
MINIMUM BURN PCT	100.00	0.00	0.00
UNIT FUEL, AUXILIARY COSTS	0.00	0.00	0.00
UNIT FUEL, TYPE	45	0	0
UNIT FUEL, ID			
----- YEAR 2012 -----			
----- YEAR 2013 -----			
----- YEAR 2014 -----			
----- YEAR 2015 -----			
----- YEAR 2016 -----			
----- YEAR 2017 -----			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	169	PC_UL_AP	1	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

170 Nuke_AP 1 1 2 3

MINIMUM BURN PCT 100.00 0.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00 0.00
 UNIT FUEL TYPE 25 0 0 0

YEAR	170	Nuke_AP	1	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					

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

	THERMAL UNIT		171	IGCC IM	1	1		
	UNIT FUELS					2		3

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	UNIT FUELS	IGCC IM	1	2	3
YEAR 2029	171	1	1	2	3
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
UNIT FUELS

172 PC_UL_IM 1 1 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%
\$/MBTU
FUEL ID
100.00
0.00
45
0.00
0.00
0
0.00
0.00
0

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

THERMAL UNIT
UNIT FUELS

173 NUKE_IM 1 1 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS

%
\$/MBTU
100.00
0.00
0.00
0.00

UNIT FUEL TYPE	FUEL ID	25	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

YEAR	174	IGCC KP	1	2	3
YEAR 2011	174	1	1	2	3
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	45	0	0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				

THERMAL UNIT	175	PC_UL_KP	1	2	3
UNIT FUELS			1	2	3
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					

-----	YEAR 2025	-----				
-----	YEAR 2026	-----				
-----	YEAR 2027	-----				
-----	YEAR 2028	-----				
-----	YEAR 2029	-----				
-----	YEAR 2030	-----				
-----	YEAR 2031	-----				
-----	YEAR 2032	-----				
-----	YEAR 2033	-----				
-----	YEAR 2034	-----				
-----	YEAR 2035	-----				
-----	YEAR 2036	-----				
-----	YEAR 2037	-----				
-----	YEAR 2038	-----				
-----	YEAR 2039	-----				
-----	YEAR 2040	-----				
THERMAL UNIT						
UNIT FUELS	176	NUKE_KP	1	1	2	3
-----	YEAR 2011	-----				
MINIMUM BURR PCT			100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS			0.00	0.00	0.00	0.00
UNIT FUEL TYPE			25	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	-----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT	UNIT FUELS	176	NOKE_KP	1	2	3
-----	YEAR 2023	-----				
-----	YEAR 2024	-----				
-----	YEAR 2025	-----				
-----	YEAR 2026	-----				
-----	YEAR 2027	-----				
-----	YEAR 2028	-----				
-----	YEAR 2029	-----				
-----	YEAR 2030	-----				
-----	YEAR 2031	-----				
-----	YEAR 2032	-----				
-----	YEAR 2033	-----				
-----	YEAR 2034	-----				
-----	YEAR 2035	-----				
-----	YEAR 2036	-----				
-----	YEAR 2037	-----				
-----	YEAR 2038	-----				
-----	YEAR 2039	-----				
-----	YEAR 2040	-----				

THERMAL UNIT	UNIT FUELS	177	IGCC_OH	1	2	3
-----	YEAR 2011	-----				
-----	YEAR 2012	-----				
-----	YEAR 2013	-----				
-----	YEAR 2014	-----				
-----	YEAR 2015	-----				
-----	YEAR 2016	-----				
-----	YEAR 2017	-----				
-----	YEAR 2018	-----				
-----	YEAR 2019	-----				
-----	YEAR 2020	-----				
-----	YEAR 2021	-----				
-----	YEAR 2022	-----				
-----	YEAR 2023	-----				
-----	YEAR 2024	-----				
-----	YEAR 2025	-----				
-----	YEAR 2026	-----				
-----	YEAR 2027	-----				
-----	YEAR 2028	-----				
-----	YEAR 2029	-----				
-----	YEAR 2030	-----				
-----	YEAR 2031	-----				
-----	YEAR 2032	-----				
-----	YEAR 2033	-----				
-----	YEAR 2034	-----				
-----	YEAR 2035	-----				
-----	YEAR 2036	-----				
-----	YEAR 2037	-----				

MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	%	\$/MBTU	FUEL ID
-----	YEAR 2011	-----	100.00	0.00
-----	YEAR 2012	-----	0.00	0.00
-----	YEAR 2013	-----	0.00	0.00
-----	YEAR 2014	-----	0.00	0.00
-----	YEAR 2015	-----	45	0
-----	YEAR 2016	-----		
-----	YEAR 2017	-----		
-----	YEAR 2018	-----		
-----	YEAR 2019	-----		
-----	YEAR 2020	-----		
-----	YEAR 2021	-----		
-----	YEAR 2022	-----		
-----	YEAR 2023	-----		
-----	YEAR 2024	-----		
-----	YEAR 2025	-----		
-----	YEAR 2026	-----		
-----	YEAR 2027	-----		
-----	YEAR 2028	-----		
-----	YEAR 2029	-----		
-----	YEAR 2030	-----		
-----	YEAR 2031	-----		
-----	YEAR 2032	-----		
-----	YEAR 2033	-----		
-----	YEAR 2034	-----		
-----	YEAR 2035	-----		
-----	YEAR 2036	-----		
-----	YEAR 2037	-----		

YEAR	MINIMUM BURN PCT	UNIT FUEL ADJUTARY COSTS	UNIT FUEL TYPE	PC_UL_OH	1	2	3
YEAR 2038				1.78	1	1	3
YEAR 2039							
YEAR 2040							
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT
UNIT FUELS

YEAR 2036 -----

YEAR 2037 -----

YEAR 2038 -----

YEAR 2039 -----

YEAR 2040 -----

178 PG_UH_OH 1 1 2 3

THERMAL UNIT
UNIT FUELS

YEAR 2011 -----

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

YEAR 2018 -----

YEAR 2019 -----

YEAR 2020 -----

YEAR 2021 -----

YEAR 2022 -----

YEAR 2023 -----

YEAR 2024 -----

YEAR 2025 -----

YEAR 2026 -----

YEAR 2027 -----

YEAR 2028 -----

YEAR 2029 -----

YEAR 2030 -----

YEAR 2031 -----

YEAR 2032 -----

YEAR 2033 -----

YEAR 2034 -----

YEAR 2035 -----

YEAR 2036 -----

YEAR 2037 -----

YEAR 2038 -----

YEAR 2039 -----

YEAR 2040 -----

179 NUKE OH 1 1 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

YEAR 2018 -----

YEAR 2019 -----

YEAR 2020 -----

YEAR 2021 -----

YEAR 2022 -----

YEAR 2023 -----

YEAR 2024 -----

YEAR 2025 -----

YEAR 2026 -----

YEAR 2027 -----

YEAR 2028 -----

YEAR 2029 -----

YEAR 2030 -----

YEAR 2031 -----

YEAR 2032 -----

YEAR 2033 -----

YEAR 2034 -----

YEAR 2035 -----

YEAR 2036 -----

YEAR 2037 -----

YEAR 2038 -----

YEAR 2039 -----

YEAR 2040 -----

%
\$/MBTU
FUEL ID
100.00 0.00 0.00
0.00 0.00 0.00
25 0 0

THERMAL UNIT
UNIT FUELS

YEAR 2011 -----

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

181 RP1D_03 1 1 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

%
\$/MBTU
FUEL ID
100.00 0.00 0.00
0.06 0.00 0.00
80 0 0

YEAR 2011 -----

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

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

----- THERMAL UNIT 182 RPID_04 1 1 2 3
 ----- UNIT FUELS

----- YEAR 2011 -----
 MINIMUM BURN PCT 100.00
 UNIT FUEL AUXILIARY COSTS 0.06
 UNIT FUEL TYPE 60
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	182	RPID_04	1	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
UNIT FUELS

183 RPID_08 1 1 2 3

YEAR	100.00	0.00	0.00
YEAR 2011			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			

MINIMUM BORN PCT 100.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.06
 UNIT FUEL TYPE FUEL ID 60 0 0

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

-----	YEAR 2031	-----						
-----	YEAR 2032	-----						
-----	YEAR 2033	-----						
-----	YEAR 2034	-----						
-----	YEAR 2035	-----						
-----	YEAR 2036	-----						
-----	YEAR 2037	-----						
-----	YEAR 2038	-----						
-----	YEAR 2039	-----						
-----	YEAR 2040	-----						
	THERMAL UNIT		184	RPID_20	1	1	2	3
	UNIT FUELS							
-----	YEAR 2011	-----						
	MINIMUM BURN PCT			100.00		0.00		0.00
	UNIT FUEL AUXILIARY COSTS			0.06		0.00		0.00
	UNIT FUEL TYPE			60		0		0
	FUEL ID							
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
-----	YEAR 2016	-----						
-----	YEAR 2017	-----						
-----	YEAR 2018	-----						
-----	YEAR 2019	-----						
-----	YEAR 2020	-----						
-----	YEAR 2021	-----						
-----	YEAR 2022	-----						
-----	YEAR 2023	-----						
-----	YEAR 2024	-----						
-----	YEAR 2025	-----						
-----	YEAR 2026	-----						
-----	YEAR 2027	-----						
-----	YEAR 2028	-----						

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

4-Company East Optimization

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71	0.00	0.00
----- YEAR 2034 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73	0.00	0.00
----- YEAR 2035 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75	0.00	0.00
----- YEAR 2036 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77	0.00	0.00
----- YEAR 2037 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79	0.00	0.00
----- YEAR 2038 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.81	0.00	0.00
----- YEAR 2039 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	0.00	0.00
----- YEAR 2040 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	0.00	0.00
----- THERMAL UNIT -----				
UNIT FUELS	187	RP2TR_IM	1	2
----- YEAR 2011 -----				
MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41	0.00	0.00
UNIT FUEL TYPE	FUEL ID	59	0	0
----- YEAR 2012 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00
----- YEAR 2013 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00
----- YEAR 2014 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44	0.00	0.00
----- YEAR 2015 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45	0.00	0.00
----- YEAR 2016 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46	0.00	0.00
----- YEAR 2017 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48	0.00	0.00
----- YEAR 2018 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49	0.00	0.00
----- YEAR 2019 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50	0.00	0.00
----- YEAR 2020 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	0.00	0.00
----- YEAR 2021 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	187	RP1TR_IM	1.	2	2	3
----- YEAR 2022 -----						
THERMAL UNIT						
UNIT FUELS						
----- YEAR 2022 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54	0.00	0.00	0.00	
----- YEAR 2023 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55	0.00	0.00	0.00	
----- YEAR 2024 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57	0.00	0.00	0.00	
----- YEAR 2025 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58	0.00	0.00	0.00	
----- YEAR 2026 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.60	0.00	0.00	0.00	
----- YEAR 2027 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	0.00	0.00	0.00	
----- YEAR 2028 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.63	0.00	0.00	0.00	
----- YEAR 2029 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64	0.00	0.00	0.00	
----- YEAR 2030 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66	0.00	0.00	0.00	
----- YEAR 2031 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68	0.00	0.00	0.00	
----- YEAR 2032 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	0.00	0.00	0.00	
----- YEAR 2033 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71	0.00	0.00	0.00	
----- YEAR 2034 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73	0.00	0.00	0.00	
----- YEAR 2035 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75	0.00	0.00	0.00	
----- YEAR 2036 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77	0.00	0.00	0.00	
----- YEAR 2037 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79	0.00	0.00	0.00	
----- YEAR 2038 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.81	0.00	0.00	0.00	
----- YEAR 2039 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	0.00	0.00	0.00	
----- YEAR 2040 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	0.00	0.00	0.00	
THERMAL UNIT	188	RP1TR_KP	1	2	3	
UNIT FUELS						
----- YEAR 2011 -----						
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41	0.00	0.00	0.00	
FUEL ID		58	0	0	0	
----- YEAR 2012 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00	0.00	
----- YEAR 2013 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00	0.00	
----- YEAR 2014 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44	0.00	0.00	0.00	
----- YEAR 2015 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45	0.00	0.00	0.00	
----- YEAR 2016 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46	0.00	0.00	0.00	
----- YEAR 2017 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48	0.00	0.00	0.00	
----- YEAR 2018 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49	0.00	0.00	0.00	
----- YEAR 2019 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50	0.00	0.00	0.00	
----- YEAR 2020 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	0.00	0.00	0.00	
----- YEAR 2021 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53	0.00	0.00	0.00	
----- YEAR 2022 -----						

4-Company Best Optimization

UNIT FUEL AUXILIARY COSTS								
----- YEAR 2023 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54	0.00	0.00	0.00			
----- YEAR 2024 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55	0.00	0.00	0.00			
----- YEAR 2025 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57	0.00	0.00	0.00			
----- YEAR 2026 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58	0.00	0.00	0.00			
----- YEAR 2027 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.60	0.00	0.00	0.00			
----- YEAR 2028 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	0.00	0.00	0.00			
----- YEAR 2029 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.63	0.00	0.00	0.00			
----- YEAR 2030 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64	0.00	0.00	0.00			
----- YEAR 2031 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66	0.00	0.00	0.00			
----- YEAR 2032 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68	0.00	0.00	0.00			
----- YEAR 2033 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	0.00	0.00	0.00			
----- YEAR 2034 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71	0.00	0.00	0.00			
----- YEAR 2035 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73	0.00	0.00	0.00			
----- YEAR 2036 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75	0.00	0.00	0.00			
----- YEAR 2037 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77	0.00	0.00	0.00			
----- YEAR 2038 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79	0.00	0.00	0.00			
----- YEAR 2039 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.81	0.00	0.00	0.00			
----- YEAR 2040 -----								
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	0.00	0.00	0.00			
----- THERMAL UNIT -----								
UNIT FUELS	189	RPZTR	KP	1	2			
----- YEAR 2011 -----								
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00			
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41	0.00	0.00	0.00			

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	189	RP2TR_KP	1	2	2	3
THERMAL UNIT						
UNIT FUELS						
----- YEAR 2011 -----						
UNIT FUEL TYPE	FUEL ID	59	0	0	0	0
----- YEAR 2012 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00	0.00	0.00
----- YEAR 2013 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00	0.00	0.00
----- YEAR 2014 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44	0.00	0.00	0.00	0.00
----- YEAR 2015 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45	0.00	0.00	0.00	0.00
----- YEAR 2016 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46	0.00	0.00	0.00	0.00
----- YEAR 2017 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48	0.00	0.00	0.00	0.00
----- YEAR 2018 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49	0.00	0.00	0.00	0.00
----- YEAR 2019 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50	0.00	0.00	0.00	0.00
----- YEAR 2020 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	0.00	0.00	0.00	0.00
----- YEAR 2021 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53	0.00	0.00	0.00	0.00
----- YEAR 2022 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54	0.00	0.00	0.00	0.00
----- YEAR 2023 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55	0.00	0.00	0.00	0.00
----- YEAR 2024 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57	0.00	0.00	0.00	0.00
----- YEAR 2025 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58	0.00	0.00	0.00	0.00
----- YEAR 2026 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.60	0.00	0.00	0.00	0.00
----- YEAR 2027 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	0.00	0.00	0.00	0.00
----- YEAR 2028 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.63	0.00	0.00	0.00	0.00
----- YEAR 2029 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64	0.00	0.00	0.00	0.00
----- YEAR 2030 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66	0.00	0.00	0.00	0.00
----- YEAR 2031 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68	0.00	0.00	0.00	0.00
----- YEAR 2032 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	0.00	0.00	0.00	0.00
----- YEAR 2033 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71	0.00	0.00	0.00	0.00
----- YEAR 2034 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73	0.00	0.00	0.00	0.00
----- YEAR 2035 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75	0.00	0.00	0.00	0.00
----- YEAR 2036 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77	0.00	0.00	0.00	0.00
----- YEAR 2037 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79	0.00	0.00	0.00	0.00
----- YEAR 2038 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.81	0.00	0.00	0.00	0.00
----- YEAR 2039 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	0.00	0.00	0.00	0.00
----- YEAR 2040 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	0.00	0.00	0.00	0.00
THERMAL UNIT						
UNIT FUELS	190	T4_TRONA	1	4	2	3
----- YEAR 2011 -----						
MINIMUM BURN FCI	%	100.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	0.00	0.00	0.00	0.00

4-Company East Optimization

UNIT FUEL TYPE	FUEL ID	69	0	0
----- YEAR 2012 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	0.00	0.00
----- YEAR 2013 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	0.00	0.00
----- YEAR 2014 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	0.00	0.00
----- YEAR 2015 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	0.00	0.00
----- YEAR 2016 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	0.00	0.00
----- YEAR 2017 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	0.00	0.00
----- YEAR 2018 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	0.00	0.00
----- YEAR 2019 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	0.00	0.00
----- YEAR 2020 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	0.00	0.00
----- YEAR 2021 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	0.00	0.00
----- YEAR 2022 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.21	0.00	0.00
----- YEAR 2023 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	0.00	0.00
----- YEAR 2024 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.22	0.00	0.00
----- YEAR 2025 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	0.00	0.00
----- YEAR 2026 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.23	0.00	0.00
----- YEAR 2027 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.24	0.00	0.00
----- YEAR 2028 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.25	0.00	0.00
----- YEAR 2029 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	0.00	0.00
----- YEAR 2030 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.26	0.00	0.00
----- YEAR 2031 ----- UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.27	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS 223 MR_STKR1 1 2 3

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

THERMAL UNIT UNIT FUELS 224 MR_STKR2 1 2 3

----- YEAR 2011 -----
 MINIMUM BURN PCT 0.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00 0.00 0.00
 UNIT FUEL TYPE FUEL ID 606 0 0

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

HEATMAP UNIT	228	AMS3_SI	1	3	2	3
UNIT FUELS						
----- YEAR 2011 -----						
MINIMUM BURN PCT		89.97		10.03		0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00		0.00		0.00
UNIT FUEL TYPE		3		611		0
----- YEAR 2012 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00		0.00		0.00
----- YEAR 2013 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00		0.00		0.00
----- YEAR 2014 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2015 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2016 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2017 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2018 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2019 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2020 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2021 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		0.00		0.00
----- YEAR 2022 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01		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 -----						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	228	AMS3_SI	1	3	2	3
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00	
----- YEAR 2040 -----						
THERMAL UNIT	229	BS2_SI	1	2	3	
UNIT FUELS						
----- YEAR 2011 -----						
MINIMUM BURN PCT	%	89.97	10.03	0.00	0.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
UNIT FUEL TYPE	FUEL ID	6	612	0	0	
----- YEAR 2012 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
----- YEAR 2013 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
----- YEAR 2014 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
----- YEAR 2015 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
----- YEAR 2016 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
----- YEAR 2017 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
----- YEAR 2018 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00	0.00	
----- YEAR 2019 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00	
----- YEAR 2020 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00	
----- YEAR 2021 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00	0.00	
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00	
----- YEAR 2040 -----						
THERMAL UNIT	230	MRS_CP	1	5	2	3
UNIT FUELS						
----- YEAR 2011 -----						

4-Company East Optimization

MINIMUM BURN PCT	%	98.00	2.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
UNIT FUEL TYPE	FUEL ID	50	609	0
----- YEAR 2012 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
----- YEAR 2013 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
----- YEAR 2014 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
----- YEAR 2015 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
----- YEAR 2016 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2017 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2018 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2019 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2020 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2021 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2022 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2023 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2024 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2025 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2026 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2027 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2028 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2029 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2030 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2031 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2032 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2033 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2034 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
----- YEAR 2035 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	230	MRS_CF	1	5	2	3
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	0.00	
YEAR 2040						

THERMAL UNIT	231	MRS_SI	1	5	2	3
UNIT FUELS						

YEAR 2011	%	89.97	10.03	0.00
MINIMUM BURN PCT				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
UNIT FUEL TYPE	FUEL ID	50	623	609

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
YEAR 2012				
YEAR 2013				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
YEAR 2014				
YEAR 2015				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
YEAR 2016				
YEAR 2017				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
YEAR 2018				
YEAR 2019				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
YEAR 2020				
YEAR 2021				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.02	0.00	0.00
YEAR 2022				
YEAR 2023				
YEAR 2024				

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
YEAR 2025				
YEAR 2026				
YEAR 2027				

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
YEAR 2028				
YEAR 2029				
YEAR 2030				

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
YEAR 2031				
YEAR 2032				
YEAR 2033				

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.01	0.00	0.00
YEAR 2034				
YEAR 2035				
YEAR 2036				

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
YEAR 2037				
YEAR 2038				
YEAR 2039				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
YEAR 2040				

THERMAL UNIT	232	RPTL_CF	1	1	2	3
UNIT FUELS						

YEAR 2011	%	98.00	2.00	0.00
MINIMUM BURN PCT				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	58	58	0

4-Company East Optimization

YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037
UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS	UNIT FUEL AUXILIARY COSTS
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID	FUEL ID
58	58	624	0																						

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

4-Company East Optimization

UNIT FUEL AUXILIARY COSTS	YEAR 2013	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2014	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2015	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2016	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2017	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2018	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2019	0.02	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2020	0.02	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2021	0.02	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2022	0.02	0.00	0.00
UNIT FUEL AUXILIARY COSTS	YEAR 2023			
UNIT FUEL AUXILIARY COSTS	YEAR 2024			
UNIT FUEL AUXILIARY COSTS	YEAR 2025			
UNIT FUEL AUXILIARY COSTS	YEAR 2026			
UNIT FUEL AUXILIARY COSTS	YEAR 2027			
UNIT FUEL AUXILIARY COSTS	YEAR 2028			
UNIT FUEL AUXILIARY COSTS	YEAR 2029			
UNIT FUEL AUXILIARY COSTS	YEAR 2030			
UNIT FUEL AUXILIARY COSTS	YEAR 2031			
UNIT FUEL AUXILIARY COSTS	YEAR 2032			
UNIT FUEL AUXILIARY COSTS	YEAR 2033			
UNIT FUEL AUXILIARY COSTS	YEAR 2034			
UNIT FUEL AUXILIARY COSTS	YEAR 2035			
UNIT FUEL AUXILIARY COSTS	YEAR 2036			
UNIT FUEL AUXILIARY COSTS	YEAR 2037			
UNIT FUEL AUXILIARY COSTS	YEAR 2038			

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

YEAR	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
MINIMUM BURN PCT																										
UNIT FUEL AUXILIARY COSTS																										
UNIT FUEL TYPE																										
YEAR 2011																										
YEAR 2012																										

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT UNIT FUELS	252	DC1_IS	1	2	3
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT	253	DC1_EFF	1	2	3
UNIT FUELS					
YEAR 2011					
MINIMUM BURN PCT		100.00	0.00	0.00	
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00	
UNIT FUEL TYPE		25	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					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 254 DC1_17 1 1 2 3

UNIT FUELS

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

THERMAL UNIT 255 DC1_3800 1 1 2 3

UNIT FUELS

----- YEAR 2011 -----
 MINIMUM BURN PCT 100.00
 UNIT FUEL AUXILIARY COSTS 0.00
 UNIT FUEL TYPE FUEL 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 -----

HEATING UNIT UNIT FUELS	257	DC2_HPT	1	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00		0.00	0.00
UNIT FUEL TYPE		26		0	0
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	DC2_EFF	DC2_HPT	DC2_HPT	DC2_HPT
YEAR 2039				
YEAR 2040				
THERMAL UNIT	257	DC2_HPT	1	2
UNIT FUELS			2	3
YEAR 2011				
THERMAL UNIT	258	DC2_EFF	1	2
UNIT FUELS			2	3
MINIMUM BURN PCT		100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00
UNIT FUEL TYPE		26	0	0
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				
THERMAL UNIT	259	DC2_SPU	1	2
UNIT FUELS			2	3
YEAR 2011				
MINIMUM BURN PCT		100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00
UNIT FUEL TYPE		26	0	0
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				

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

260 DC2_3800 1 2 3

----- YEAR 2011 -----
 MINIMUM BURN PCT 100.00
 UNIT FUEL AUXILIARY COSTS 0.00
 UNIT FUEL TYPE 26 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 260 DC2_3800 1 2 2 3

UNIT FUELS

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

THERMAL UNIT 269 BIGSD_15 1 1 2 3
 UNIT FUELS

----- YEAR 2011 -----
 MINIMUM BURN PCT 100.00
 UNIT FUEL AUXILIARY COSTS 0.00
 UNIT FUEL TYPE 5 0 0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT
UNIT FUELS

YEAR 2032

YEAR 2033

YEAR 2034

YEAR 2035

YEAR 2036

YEAR 2037

YEAR 2038

YEAR 2039

YEAR 2040

270 BIGSP_GP 1 2 3

THERMAL UNIT
UNIT FUELS

YEAR 2011

YEAR 2012

YEAR 2013

YEAR 2014

YEAR 2015

YEAR 2016

YEAR 2017

YEAR 2018

YEAR 2019

YEAR 2020

YEAR 2021

YEAR 2022

YEAR 2023

YEAR 2024

YEAR 2025

YEAR 2026

YEAR 2027

YEAR 2028

YEAR 2029

YEAR 2030

YEAR 2031

YEAR 2032

YEAR 2033

YEAR 2034

YEAR 2035

YEAR 2036

YEAR 2037

YEAR 2038

YEAR 2039

YEAR 2040

271 CLN_Q_HW 1 2 3

MINIMUM BURN PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00
UNIT FUEL TYPE 16 0 0

THERMAL UNIT
UNIT FUELS

YEAR 2011

YEAR 2012

YEAR 2013

272 CLN_Q_15 1 2 3

MINIMUM BURN PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00
UNIT FUEL TYPE 16 0 0

YEAR 2011

YEAR 2012

YEAR 2013

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	273	CIN_Q_HW 1	2	3
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				
THERMAL UNIT UNIT FUELS	274	CIN_Q_15 1	2	3
YEAR 2011				
MINIMUM BURN PCT		100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00	0.00	0.00
UNIT FUEL TYPE		.17	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				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THermal UNIT UNIT FUELS	275	CIN_Q_HM 1	3	2	3
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
UNIT FUELS	276	CIN_Q_15	1	3	2
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.00 18	0.00 0.00 0	0.00 0.00 0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				

YEAR 2040	277	CVL_3_HM	1	3	2	3
THERMAL UNIT						
UNIT FUELS						
YEAR 2011						
MINIMUM BURN PCT		100.00		0.00	0.00	
UNIT FUELS AUXILIARY COSTS		0.00		0.00	0.00	
UNIT FUELS TYPE		21		0	0	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

----- YEAR 2038 -----
THERMAL UNIT 277 CVL_3_HM 1 3 2 3
UNIT FUELS

----- YEAR 2039 -----
THERMAL UNIT 278 CVL_3_10 1 3 2 3
UNIT FUELS

----- YEAR 2011 -----
MINIMUM BURN PCT 100.00 0.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00 0.00 0.00 0
UNIT FUEL TYPE FUEL ID 21 0 0 0

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

THERMAL UNIT 279 GLN_5_HM 1 5 2 3
UNIT FUELS
----- YEAR 2011 -----
MINIMUM BURN PCT 100.00 0.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00 0.00 0.00 0
UNIT FUEL TYPE FUEL ID 29 0 0 0

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

```

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

```

THERMAL UNIT
UNIT FUELS

280 GIN_5_15 1 5 2 3

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----

```

```

% $/MBTU
FUEL ID
100.00
0.00
.29
0.00
0.00
0
0.00
0.00
0

```

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT 280 GIN_5_15 5 2 3
UNIT FUELS

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

THERMAL UNIT 281 GIN_6_HM 1 6 2 3
UNIT FUELS

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

MINIMUM BURN PCT 100.00 0.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00 0.00
UNIT FUEL TYPE FUEL ID 30 0 0 0

-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
-----	YEAR 2011	-----	282	GLN_6_15	1	6	2	3	
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							

MINIMUM BURN PCT
UNIT FUELS

%
\$/MBTU
FUELS ID

100.00
0.00
30

0.00
0.00
0

0.00
0.00
0

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

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

-----	YEAR 2011	-----	285	KMR_F_HM	1	2	3
-----	MINIMUM BURN PCT	-----		%	100.00	0.00	0.00
-----	UNIT FUEL AUXILIARY COSTS	-----		\$/MBTU	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

UNIT FUELS	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025
MINIMUM BURN PCT															
UNIT FUEL AUXILIARY COSTS															
UNIT FUEL TYPE															
UNIT FUELS	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025
	285	285	285	285	285	285	285	285	285	285	285	285	285	285	285
	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM	KMR_F_HM
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	286	286	286	286	286	286	286	286	286	286	286	286	286	286	286
	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP	KMR_F_GP
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	287	KWR_F_HM 1	3	2	3
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT	288	KWR_F_GP	1	3	
UNIT FUELS					
YEAR 2011					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					

MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	0.35	0	0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- YEAR 2037 -----
THERMAL UNIT 289 KWA_1_HM 1 2 3
UNIT FUELS

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

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

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

----- YEAR 2041 -----
THERMAL UNIT 290 KWA_1_15 1 2 3
UNIT FUELS

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

% \$/MBTU
FUEL ID 100.00 0.00 0.00
36 0.00 0.00 0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

THERMAL UNIT 291 KWA_2_HM 1 2 3
UNIT FUELS

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

% \$/MBTU
FUEL ID 100.00 0.00 0.00
37 0.00 0.00 0

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

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

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

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

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	UNIT	292	KWH_2_15	1	2	3
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

THERMAL UNIT
UNIT FUELS

293 MSWR1_HM 1 1 2 3

MINIMUM BURH PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%
S/MBTU
FUEL ID
100.00
0.00
46
0.00
0.00
0
0.00
0.00
0

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

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

MINIMUM BURN PCT	UNIT FUEL	AUXILIARY COSTS	UNIT FUEL TYPE	YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
294	MSKR1_12	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	294	MSKR1_12	1	1	2	2	3
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

THERMAL UNIT
UNIT FUELS

295 MSKR2_HM 1 2 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

% \$/MBTU
100.00 0.00 0.00
0.00 0.00 0.00
47 0 0

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

THERMAL UNIT
UNIT FUELS

296 MSKR2_12 1 2 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

% \$/MBTU
100.00 0.00 0.00
0.00 0.00 0.00
47 0 0

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	UNIT FUELS	297	MSKR3_GP	1	3	2	3
YEAR 2011	MINIMUM BURN PCT			100.00	0.00	0.00	0.00
YEAR 2012	UNIT FUEL AUXILIARY COSTS			0.00	0.00	0.00	0.00
YEAR 2013	UNIT FUEL TYPE			48	0	0	0
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT		298	MR3HM_12	1	3	2	3
UNIT FUELS				1	3	2	3
YEAR 2011	MINIMUM BURN PCT			100.00	0.00	0.00	0.00
YEAR 2012	UNIT FUEL AUXILIARY COSTS			0.00	0.00	0.00	0.00
YEAR 2013	UNIT FUEL TYPE			48	0	0	0
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							

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

----- THERMAL UNIT
 UNIT FUELS

299 MSRR4 GP 4
 1 2 3

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

MINIMUM BURN PCT	%	100.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	49	0	0

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

YEAR	MINIMUM BURN PCT	UNIT FUEL	AUXILIARY COSTS	UNIT FUEL TYPE	301	PICWY_HM	1	5	2	3
YEAR 2038										
YEAR 2039										
YEAR 2040										
YEAR 2011					301	PICWY_HM	1	5	2	3
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

301 PICWY_HM 5 2 3

----- YEAR 2011 -----
 THERMAL UNIT
 UNIT FUELS

302 PICWY_GP 1 5 2 3

MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%
 \$/MBTU
 FUEL ID
 100.00 0.00 0.00
 0.00 0.00 0.00
 56 0 0

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

THERMAL UNIT
 UNIT FUELS

303 SPL_F_HM 1 1 2 3

MINIMUM BURN PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%
 \$/MBTU
 FUEL ID
 100.00 0.00 0.00
 0.00 0.00 0.00
 51 0 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	UNIT FUELS	304	SP1_F_15	1	2	3
---	YEAR 2016	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---

THERMAL UNIT 305 SP2_F_HM 1 2 2 3

MINIMUM BURH PCT	UNIT FUEL AOXILIARY COSIS	%	100.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	S/MBTU	0.00	0.00	0.00
---	YEAR 2011	---	---	---	---
---	YEAR 2012	---	---	---	---
---	YEAR 2013	---	---	---	---
---	YEAR 2014	---	---	---	---
---	YEAR 2015	---	---	---	---
---	YEAR 2016	---	---	---	---
---	YEAR 2017	---	---	---	---
---	YEAR 2018	---	---	---	---
---	YEAR 2019	---	---	---	---
---	YEAR 2020	---	---	---	---
---	YEAR 2021	---	---	---	---
---	YEAR 2022	---	---	---	---
---	YEAR 2023	---	---	---	---
---	YEAR 2024	---	---	---	---
---	YEAR 2025	---	---	---	---
---	YEAR 2026	---	---	---	---
---	YEAR 2027	---	---	---	---
---	YEAR 2028	---	---	---	---
---	YEAR 2029	---	---	---	---
---	YEAR 2030	---	---	---	---

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

UNIT FUEL TYPE	FUEL ID	53	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	309	SP4_Q_HM 1	4	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00		0.00	0.00
UNIT FUEL TYPE		54		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					
THERMAL UNIT UNIT FUELS	310	SP4_Q_15 1	4	2	3
YEAR 2011					
MINIMUM BURN PCT		100.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS		0.00		0.00	0.00
UNIT FUEL TYPE		54		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					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT 311 SPS_HM 5 2 3
UNIT FUELS

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

----- THERMAL UNIT 312 SPS_15 1 5 2 3
UNIT FUELS

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

MINIMUM BURD PCT 100.00 0.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00 0.00
UNIT FUEL TYPE 55 0 0 0

YEAR 2038	YEAR 2039	YEAR 2040	YEAR 2041	YEAR 2042	YEAR 2043	YEAR 2044	YEAR 2045	YEAR 2046	YEAR 2047	YEAR 2048	YEAR 2049	YEAR 2050	YEAR 2051	YEAR 2052	YEAR 2053	YEAR 2054	YEAR 2055
THERMAL UNIT			313	TNR_F_HM	1	1	2	3									
UNIT FUELS																	
MINIMUM BURN PCT						100.00		0.00									
UNIT FUEL AUXILIARY COSTS						0.00		0.00									
UNIT FUEL TYPE						66		0									
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
YEAR 2020																	
YEAR 2021																	
YEAR 2022																	
YEAR 2023																	
YEAR 2024																	
YEAR 2025																	
YEAR 2026																	
YEAR 2027																	
YEAR 2028																	
YEAR 2029																	
YEAR 2030																	
YEAR 2031																	
YEAR 2032																	
YEAR 2033																	
YEAR 2034																	
YEAR 2035																	

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

APP EAST
GENERATION AND FUEL MODDLE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

313 TNR_F_HM 1 2 3

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

314 TNR_F_15 1 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%
\$/MBTU
FUEL ID
100.00 0.00 0.00
0.00 0.00 0.00
66 0 0

THERMAL UNIT
UNIT FUELS
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017

315 TNR_F_HM 1 2 3

MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE

%
\$/MBTU
FUEL ID
100.00 0.00 0.00
0.00 0.00 0.00
67 0 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	316	TNR_F_15	1	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
UNIT FUELS

317 TNR_F_15 1 3 2 3

MINIMUM BURR PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MSTU FUEL ID	100.00 0.00 68	0.00 0.00 0	0.00 0.00 0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	318	TNR_F_15 1	3	2	3
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT 319 PW_GP_15 1 5 2 3
UNIT FUELS

MINIMUM BURN PCT UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.00 56	0.00 0.00 0	0.00 0.00 0	
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT	320	RH11s 1	1	2	3
UNIT FUELS					
YEAR 2011					
MINIMUM BURN PCT	%	100.00	0.00	0.00	
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00	

UNIT FUEL TYPE	FUEL ID	606	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	364	1	0	2	3
----- YEAR 2011 -----					
MINIMUM BURN PCT					
UNIT FUELS AUXILIARY COSTS	\$/MBTU	100.00	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	58	0	0	0
----- YEAR 2012 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11	0.00	0.00	0.00
----- YEAR 2013 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11	0.00	0.00	0.00
----- YEAR 2014 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.11	0.00	0.00	0.00
----- YEAR 2015 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.12	0.00	0.00	0.00
----- YEAR 2016 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.12	0.00	0.00	0.00
----- YEAR 2017 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.12	0.00	0.00	0.00
----- YEAR 2018 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.13	0.00	0.00	0.00
----- YEAR 2019 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.13	0.00	0.00	0.00
----- YEAR 2020 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.13	0.00	0.00	0.00
----- YEAR 2021 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.13	0.00	0.00	0.00
----- YEAR 2022 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.14	0.00	0.00	0.00
----- YEAR 2023 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.14	0.00	0.00	0.00
----- YEAR 2024 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.14	0.00	0.00	0.00
----- YEAR 2025 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	0.00	0.00	0.00
----- YEAR 2026 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	0.00	0.00	0.00
----- YEAR 2027 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.15	0.00	0.00	0.00
----- YEAR 2028 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	0.00	0.00	0.00
----- YEAR 2029 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.16	0.00	0.00	0.00
----- YEAR 2030 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	0.00	0.00	0.00
----- YEAR 2031 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	0.00	0.00	0.00
----- YEAR 2032 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.17	0.00	0.00	0.00
----- YEAR 2033 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	0.00	0.00	0.00
----- YEAR 2034 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.18	0.00	0.00	0.00
----- YEAR 2035 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	0.00	0.00	0.00
----- YEAR 2036 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	0.00	0.00	0.00
----- YEAR 2037 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.19	0.00	0.00	0.00
----- YEAR 2038 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	0.00	0.00	0.00
----- YEAR 2039 -----					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.20	0.00	0.00	0.00
----- YEAR 2040 -----					
THERMAL UNIT	500	DUMMY_OP	0		
UNIT FUELS		1	2	3	
----- YEAR 2011 -----					
MINIMUM BURN PCT	%	0.00	0.00	0.00	0.00

4-Company East Optimization

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

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.

YEAR	MINIMUM BURR FCT	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE	UNIT FUEL TYPE
YEAR 2011	501	DUMMY_IM	1	0	2
YEAR 2012					3
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
UNIT FUELS	502	DUMMY_AP	1	0	2
					3
MINIMUM BURR PCT					
UNIT FUEL AUXILIARY COSTS			0.00	0.00	0.00
UNIT FUEL TYPE			0.00	0.00	0.00
			0	0	0
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	503	DUMAX_KP 1	0	2	3
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
YEAR 2011	958	CC_KPCO	958	2	3
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					

MINIMUM BURD PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.00 72	0.00 0.00 0	0.00 0.00 0
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				

YEAR	MINIMUM BURN PCT	UNIT FUELS	UNIT FUELS	UNIT FUELS	UNIT FUELS
YEAR 2038					
YEAR 2039					
YEAR 2040					
YEAR 2011	959	RP2D_KP	959	2	3
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

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

959 RP2D_KP 1 2 3

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

960 RP2D_IM 1 2 3
MINIMUM BURN PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS 0.06 0.00 0.00
FUEL ID 59 0 0

THERMAL UNIT
UNIT FUELS
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017

961 CSV6_SCR 1 2 3
MINIMUM BURN PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS 0.07 0.00 0.00
FUEL ID 24 0 0

```

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

```

```

----- FERMAL UNIT
----- UNIT FUELS

```

```

962          CSV5_SCR 962
1          2          3

```

```

----- YEAR 2011 -----
MINIMUM BURN PCT
UNIT FUEL AUXILIARY COSTS
UNIT FUEL TYPE
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----

```

```

%          100.00          0.00          0.00
$/MBTU     0.07          0.00          0.00
FUEL ID    23           0           0

```

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	962	CSV5_SCR 962	1	2	3
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT 963 DUMMY_OP 963 1 2 3
UNIT FUELS

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

THERMAL UNIT UNIT FUELS	964	DUMMY_OP	964	1	2	3
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT 965 RPID_03 965 2 3
UNIT FUELS 1

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS UNIT FUEL TYPE	% \$/MBTU FUEL ID	100.00 0.06 80	0.00 0.00 0	0.00 0.00 0
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT 966 RPID_KP 966 2 3
UNIT FUELS 1

MINIMUM BURN PCT UNIT FUEL AUXILIARY COSTS	% \$/MBTU	100.00 0.06	0.00 0.00	0.00 0.00
YEAR 2011				

UNIT FUEL TYPE	FUEL ID	58	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				
----- YEAR 2019 -----				
----- YEAR 2020 -----				
----- YEAR 2021 -----				
----- YEAR 2022 -----				
----- YEAR 2023 -----				
----- YEAR 2024 -----				
----- YEAR 2025 -----				
----- YEAR 2026 -----				
----- YEAR 2027 -----				
----- YEAR 2028 -----				
----- YEAR 2029 -----				
----- YEAR 2030 -----				
----- YEAR 2031 -----				
----- YEAR 2032 -----				
----- YEAR 2033 -----				
----- YEAR 2034 -----				
----- YEAR 2035 -----				
----- YEAR 2036 -----				
----- YEAR 2037 -----				
----- YEAR 2038 -----				
----- YEAR 2039 -----				
----- YEAR 2040 -----				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THermal UNIT	UNIT FUELS	967	BS2 FGD	1	967	2	3
-----	YEAR 2011	-----	-----	-----	-----	-----	-----
MINIMUM BURN PCT		%	100.00		0.00		0.00
UNIT FUEL AUXILIARY COSTS		\$/MBTU	0.05		0.00		0.00
UNIT FUEL TYPE		FUEL ID	6		0		0
-----	YEAR 2012	-----	-----	-----	-----	-----	-----
-----	YEAR 2013	-----	-----	-----	-----	-----	-----
-----	YEAR 2014	-----	-----	-----	-----	-----	-----
-----	YEAR 2015	-----	-----	-----	-----	-----	-----
-----	YEAR 2016	-----	-----	-----	-----	-----	-----
-----	YEAR 2017	-----	-----	-----	-----	-----	-----
-----	YEAR 2018	-----	-----	-----	-----	-----	-----
-----	YEAR 2019	-----	-----	-----	-----	-----	-----
-----	YEAR 2020	-----	-----	-----	-----	-----	-----
-----	YEAR 2021	-----	-----	-----	-----	-----	-----
-----	YEAR 2022	-----	-----	-----	-----	-----	-----
-----	YEAR 2023	-----	-----	-----	-----	-----	-----
-----	YEAR 2024	-----	-----	-----	-----	-----	-----
-----	YEAR 2025	-----	-----	-----	-----	-----	-----
-----	YEAR 2026	-----	-----	-----	-----	-----	-----
-----	YEAR 2027	-----	-----	-----	-----	-----	-----
-----	YEAR 2028	-----	-----	-----	-----	-----	-----
-----	YEAR 2029	-----	-----	-----	-----	-----	-----
-----	YEAR 2030	-----	-----	-----	-----	-----	-----
-----	YEAR 2031	-----	-----	-----	-----	-----	-----
-----	YEAR 2032	-----	-----	-----	-----	-----	-----
-----	YEAR 2033	-----	-----	-----	-----	-----	-----
-----	YEAR 2034	-----	-----	-----	-----	-----	-----
-----	YEAR 2035	-----	-----	-----	-----	-----	-----
-----	YEAR 2036	-----	-----	-----	-----	-----	-----
-----	YEAR 2037	-----	-----	-----	-----	-----	-----
-----	YEAR 2038	-----	-----	-----	-----	-----	-----
-----	YEAR 2039	-----	-----	-----	-----	-----	-----
-----	YEAR 2040	-----	-----	-----	-----	-----	-----
THermal UNIT		968	CR2_NGCC	1	968	2	3
UNIT FUELS			1				
-----	YEAR 2011	-----	-----	-----	-----	-----	-----
MINIMUM BURN PCT		%	100.00		0.00		0.00
UNIT FUEL AUXILIARY COSTS		\$/MBTU	0.11		0.00		0.00
UNIT FUEL TYPE		FUEL ID	72		0		0
-----	YEAR 2012	-----	-----	-----	-----	-----	-----
-----	YEAR 2013	-----	-----	-----	-----	-----	-----
-----	YEAR 2014	-----	-----	-----	-----	-----	-----
-----	YEAR 2015	-----	-----	-----	-----	-----	-----
-----	YEAR 2016	-----	-----	-----	-----	-----	-----
-----	YEAR 2017	-----	-----	-----	-----	-----	-----
-----	YEAR 2018	-----	-----	-----	-----	-----	-----
-----	YEAR 2019	-----	-----	-----	-----	-----	-----
-----	YEAR 2020	-----	-----	-----	-----	-----	-----
-----	YEAR 2021	-----	-----	-----	-----	-----	-----
-----	YEAR 2022	-----	-----	-----	-----	-----	-----
-----	YEAR 2023	-----	-----	-----	-----	-----	-----
-----	YEAR 2024	-----	-----	-----	-----	-----	-----

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

----- THERMAL UNIT
 UNIT FUELS

969 CRI_NGCC 969
 1

2

3

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

MINIMUM BURD PCT
 UNIT FUEL AUXILIARY COSTS
 UNIT FUEL TYPE

%
 \$/MBTU
 FUEL ID

100.00
 0.11
 72

0.00
 0.00
 0

0.00
 0.00
 0

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT 969 CRI_NGCC 1 969 2 3
UNIT FUELS

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

----- THERMAL UNIT 970 MRS_NGCC 1 970 2 3
UNIT FUELS

----- YEAR 2011 -----
MINIMUM BURD PCT 100.00 0.00 0.00
UNIT FUEL AUXILIARY COSTS \$/MBTU 0.05 0.00 0.00
UNIT FUEL TYPE FUEL ID 81 0 0
----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----

YEAR	MINIMUM BURN PCT	UNIT FUEL	AUXILIARY COSTS	UNIT FUEL TYPE	971	DUMMY_OP	971	2	3
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011					971				
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT 971 DUMMY_OP 971 1 2 3
UNIT FUELS 1 2 3

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

----- THERMAL UNIT 972 DUMMY_OP 972 1 2 3
UNIT FUELS 1 2 3

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

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

----- THERMAL UNIT 973 DUMMY_OP 973 1 2 3
UNIT FUELS 1 2 3

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT 974 DUMMY_OP 974
UNIT FUELS 1 2 3

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

THERMAL UNIT 975 DUMMY_OP 975
UNIT FUELS 1 2 3

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

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

YEAR	MINIMUM BURN PCT	UNIT FUEL	AUXILIARY COSTS	UNIT FUEL TYPE	\$/MBTU FUEL ID	DUMMY_OP	1	2	3
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT						976			
UNIT FUELS							1	2	3
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

YEAR	UNIT FUELS	DUMMY_OP
YEAR 2029	976	1
YEAR 2030		2
YEAR 2031		3
YEAR 2032		
YEAR 2033		
YEAR 2034		
YEAR 2035		
YEAR 2036		
YEAR 2037		
YEAR 2038		
YEAR 2039		
YEAR 2040		

977 DUMMY_OP 977 2 3

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

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

978 DUMMY_OP 978 1 2 3

MINIMUM BURN PCT 0.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS \$/MBTU 0.00 0.00 0.00

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	979	DUMMY_OP	979	1	2	3
YEAR 2011						
MINIMUM BURN PCT			0.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS			0.00		0.00	0.00
UNIT FUEL TYPE			0		0	0
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT	980	DUMMY_OP	980	1	2	3
UNIT FUELS						
YEAR 2011						
MINIMUM BURN PCT			0.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS			0.00		0.00	0.00
UNIT FUEL TYPE			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						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT 981 DUMMY_OP 1 2 3
UNIT FUELS

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

THERMAL UNIT 982 DUMMY_OP 1 2 3
UNIT FUELS

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

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

YEAR	MINIMUM BURN PCT	UNIT FUEL	UNIT FUEL TYPE	AUXILIARY COSTS	DUMMY_OP	1	2	3
YEAR 2038					983			
YEAR 2039								
YEAR 2040								
THERMAL UNIT								
UNIT FUELS								
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT UNIT FUELS	983	DUMMY_OP	983	1	2	3
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT UNIT FUELS	984	DUMMY_OP	984	1	2	3
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

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

THERMAL UNIT UNIT FUELS	985	DUMMY_OP	985	1	2	3
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						

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

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

----- THERMAL UNIT 986 DUMMY_OP 986
 UNIT FUELS 1 2 3

----- YEAR 2011 -----
 MINIMUM BURN PCT 0.00
 UNIT FUEL AUXILIARY COSTS 0.00
 UNIT FUEL TYPE 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT, THERMAL UNIT.

THERMAL UNIT 986 DUMMY_OP 1 2 3

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

THERMAL UNIT 987 DUMMY_OP 1 2 3
 UNIT FUELS

----- YEAR 2011 -----
 MINIMUM BURN PCT 0.00 0.00 0.00
 UNIT FUEL AUXILIARY COSTS 0.00 0.00 0.00
 UNIT FUEL TYPE 0 0 0
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

YEAR	MINIMUM BURN PCT	UNIT FUEL AUXILIARY COSTS	UNIT FUEL TYPE	988	DUMMY_OP	1	2	3
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
THERMAL UNIT								
UNIT FUELS				988	DUMMY_OP	1	2	3
YEAR 2011								
MINIMUM BURN PCT						0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS						0.00	0.00	0.00
UNIT FUEL TYPE						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								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	988	DUMWY_OP 1	2	3
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

989 DUMWY_OP 1 989 2 3

UNIT FUELS	989	DUMWY_OP 1	2	3
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

UNIT FUELS	990	DUMWY_OP 1	2	3
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

1005

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	991	DUMMY_OP	991	1	2	3
YEAR 2011						
MINIMUM BURN PCT			0.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS			0.00		0.00	0.00
UNIT FUEL TYPE			0		0	0
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT	992	DUMMY_OP	992			
UNIT FUELS				1	2	3
YEAR 2011						
MINIMUM BURN PCT			0.00		0.00	0.00
UNIT FUEL AUXILIARY COSTS			0.00		0.00	0.00
UNIT FUEL TYPE			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						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- YEAR 2023 ----- 993 DUMMY_OP 993 2 3

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

----- THERMAL UNIT 994 DUMMY_OP 994 2 3
UNIT FUELS 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

YEAR	MINIMUM BURN PCT	UNIT FUEL	AUXILIARY COSTS	% \$/MBTU FUEL ID	DUMMY_OP	1	2	3
YEAR 2038					995			
YEAR 2039								
YEAR 2040								
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								

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

UNIT FUEL AUXILIARY COSTS	YEAR 2038	YEAR 2039	YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU	\$/MBTU
	0.33	0.34	0.35	0.43	0.43	0.43	0.44	0.45	0.46	0.48	0.49	0.50	0.51	0.53	0.54	0.55	0.57	0.58	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINIMUM BURD PCT				100.00															
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
UNIT FUEL TYPE	FUEL ID	FUEL ID	FUEL ID	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	\$/MBTU	\$/MBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

UNIT FUELS	997	REP2TR_KP 997	1	2	3
--- YEAR 2027 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	0.00	0.00	0.00
--- YEAR 2028 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.63	0.00	0.00	0.00
--- YEAR 2029 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64	0.00	0.00	0.00
--- YEAR 2030 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66	0.00	0.00	0.00
--- YEAR 2031 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68	0.00	0.00	0.00
--- YEAR 2032 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	0.00	0.00	0.00
--- YEAR 2033 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71	0.00	0.00	0.00
--- YEAR 2034 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73	0.00	0.00	0.00
--- YEAR 2035 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75	0.00	0.00	0.00
--- YEAR 2036 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77	0.00	0.00	0.00
--- YEAR 2037 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79	0.00	0.00	0.00
--- YEAR 2038 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.81	0.00	0.00	0.00
--- YEAR 2039 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	0.00	0.00	0.00
--- YEAR 2040 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	0.00	0.00	0.00
--- THERMAL UNIT ---					
UNIT FUELS	998	REP2TR_IM 998	1	2	3
--- YEAR 2011 ---					
MINIMUM BURN PCT	%	100.00	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.41	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	59	0	0	0
--- YEAR 2012 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00	0.00
--- YEAR 2013 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.43	0.00	0.00	0.00
--- YEAR 2014 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.44	0.00	0.00	0.00
--- YEAR 2015 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.45	0.00	0.00	0.00
--- YEAR 2016 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.46	0.00	0.00	0.00
--- YEAR 2017 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.48	0.00	0.00	0.00
--- YEAR 2018 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.49	0.00	0.00	0.00
--- YEAR 2019 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.50	0.00	0.00	0.00
--- YEAR 2020 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.51	0.00	0.00	0.00
--- YEAR 2021 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.53	0.00	0.00	0.00
--- YEAR 2022 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.54	0.00	0.00	0.00
--- YEAR 2023 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.55	0.00	0.00	0.00
--- YEAR 2024 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.57	0.00	0.00	0.00
--- YEAR 2025 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.58	0.00	0.00	0.00
--- YEAR 2026 ---					
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.60	0.00	0.00	0.00
--- YEAR 2027 ---					

4-Company East Optimization

UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.61	0.00	0.00
----- YEAR 2028 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.63	0.00	0.00
----- YEAR 2029 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.64	0.00	0.00
----- YEAR 2030 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.66	0.00	0.00
----- YEAR 2031 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.68	0.00	0.00
----- YEAR 2032 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.70	0.00	0.00
----- YEAR 2033 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.71	0.00	0.00
----- YEAR 2034 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.73	0.00	0.00
----- YEAR 2035 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.75	0.00	0.00
----- YEAR 2036 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.77	0.00	0.00
----- YEAR 2037 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.79	0.00	0.00
----- YEAR 2038 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.81	0.00	0.00
----- YEAR 2039 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.83	0.00	0.00
----- YEAR 2040 -----				
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.85	0.00	0.00
----- YEAR 2011 -----				
MINIMUM BURN PCT	%	0.00	0.00	0.00
UNIT FUEL AUXILIARY COSTS	\$/MBTU	0.00	0.00	0.00
UNIT FUEL TYPE	FUEL ID	0	0	0
----- YEAR 2012 -----				
----- YEAR 2013 -----				
----- YEAR 2014 -----				
----- YEAR 2015 -----				
----- YEAR 2016 -----				
----- YEAR 2017 -----				
----- YEAR 2018 -----				

THEMAL UNIT
UNIT FUELS

DUMNT_OP 999
1 2 3

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT	999	DUMMY_OP	1	2	3
UNIT FUELS					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					
----- YEAR 2027 -----					
----- YEAR 2028 -----					
----- YEAR 2029 -----					
----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					

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

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

GENERATING COMPANIES THERMAL UNIT		1 OPGO+CSP						
YEAR	RATIO	AMOS 1	AMOS 2	AMOS_OP 3	BRCKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
YEAR 2011	0.00			1.00	1.00	0.00	0.00	1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT		1 OPGO+CSP						
YEAR 2011	RATIO	8 CARD 1+2	9 CARD 3	10 CLIFTY 1	11 CLIFTY 2	12 CLIFTY 3	13 CLIFTY 4	14 CLIFTY 5
YEAR 2012	1.00	2	3	1	2	3	4	5
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								

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

----- GENERATING COMPANIES
 THERMAL UNIT

----- YEAR 2011 -----	----- RATIO -----	1 OPGO+CSP	15 CLIFTY 6	16 CLINCH R 1	17 CLINCH R 2	18 CLINCH R 3	19 ROCKP_KP 1	20 ROCKP_KP 2	21 CSVL 1-4 3
----- YEAR 2011 -----	----- RATIO -----	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
----- YEAR 2012 -----	----- RATIO -----								
----- YEAR 2013 -----	----- RATIO -----								
----- YEAR 2014 -----	----- RATIO -----								
----- YEAR 2015 -----	----- RATIO -----								
----- YEAR 2016 -----	----- RATIO -----								
----- YEAR 2017 -----	----- RATIO -----								
----- YEAR 2018 -----	----- RATIO -----								
----- YEAR 2019 -----	----- RATIO -----								
----- YEAR 2020 -----	----- RATIO -----								
----- YEAR 2021 -----	----- RATIO -----								
----- YEAR 2022 -----	----- RATIO -----								

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

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

GENERATING COMPANIES	1	ORCO+CSP	15	CLINCH R	16	CLINCH R	17	CLINCH R	18	ROCKE_KP	19	ROCKE_KP	20	CSVL 1-4	21
THERMAL UNIT			6	1	1	2	3	3	1	1	2	2	3	3	

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

GENERATING COMPANIES
THERMAL UNIT

1	ORCO+CSP	22	CSVL 1-4	23	CSVL 5+6	24	CSVL 5+6	25	D C COOK	26	D C COOK	27	GAVIN	28	GAVIN
		4	4	5	6	6	1	1	2	2	1	1	2	2	
OWNERSHIP RATIO															
			1.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

GENERATING COMPANIES THERMAL UNIT	1	OPCO+CSP	36	37	38	39	40	41	42
	KANAMHA	KANAMHA	KYGER	KYGER	KYGER	KYGER	KYGER	KYGER	KYGER
YEAR 2011	1	2	1	2	2	3	4	5	
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

GENERATING COMPANIES THERMAL UNIT	1	OPCO+CSP	43	44	45	46	47	48	49
	MITCHELL	MITCHELL	MODWT_ER	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR	MUSK RVR
YEAR 2011	1	2	1	1	1	2	3	4	

OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		1 OPCO+CSP					57 58 59 60 61 62 63					
THERMAL UNIT		MUSR_RVR	P_SPORN	P_SPORN	P_SPORN	P_SPORN	P_SPORN	P_SPORN	P_SPORN	P_SPORN	P_SPORN	P_SPORN
		5	1	2	3	4	5	1	2	3	2	3
YEAR												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
YEAR 2029												
YEAR 2030												
YEAR 2031												
YEAR 2032												
YEAR 2033												
YEAR 2034												
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												
GENERATING COMPANIES		1 OPCO+CSP					57 58 59 60 61 62 63					
THERMAL UNIT		RPRRT_IM	RPRRT_IM	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	STUART	STUART	STUART
		1	1	2	1	1	2	1	2	3	2	3
YEAR												
YEAR 2011												
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
OMNERSHIP RATIO		RATIO										
YEAR												
YEAR 2011		0.00		0.00		0.00		1.00		1.00		1.00
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 ORCO+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	
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT								
	1 ORCO+CSP							
	71 ROBTMONE 1	72 ROBTMONE 2	73 ROBTMONE 3	75 CEREDO 1	76 CEREDO 2	77 CEREDO 3	78 CEREDO 4	
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								

YEAR 2010	GENERATING COMPANIES THERMAL UNIT	1 OPCOHCSP	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	1.00	1.00	1.00	1.00	1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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

4-Company East Optimization

YEAR 2011	RATIO	1.00	0.00	0.00	1.00	1.00	0.00
OWNERSHIP RATIO							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP									
	154	155	156	157	158	159	160	161	162	163
	CC_FAKP 1	CT_OHIO 1	CC_OH 1	CT_IAM 1	CC_IAM 1	CT_APCO 1	CC_APCO 1	CT_KPCO 1	CC_KPCO 1	BS2_FGD 1
YEAR 2011										
OWNERSHIP RATIO	0.00	1.00	1.00	0.00	0.00	0.00	0.00			
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
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YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										
GENERATING COMPANIES										
THERMAL UNIT										
								164	165	166
								BS2_FGD	BS2_FGD	BS2_FGD
								5	22	23
										168
										IGCC AP
										1
YEAR 2011										
OWNERSHIP RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										

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

GENERATING COMPANIES
 THERMAL UNIT

	1	ORCO+CSP						
----- YEAR 2011 -----		169	170	171	172	173	174	175
OWNERSHIP RATIO		PC_UL_AP	NuKe_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP
----- YEAR 2012 -----	RATIO	1	1	1	1	1	1	1
----- YEAR 2013 -----		0.00	0.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		1 ORCO+CSP							
THERMAL UNIT		169	170	171	172	173	174	175	
		PC_UL_AP	Nuke_AP	IGCC IM	PC_UL_IM	Nuke_IM	IGCC KP	PC_UL_KP	
		1	1	1	1	1	1	1	
YEAR 2023	-----								
YEAR 2024	-----								
YEAR 2025	-----								
YEAR 2026	-----								
YEAR 2027	-----								
YEAR 2028	-----								
YEAR 2029	-----								
YEAR 2030	-----								
YEAR 2031	-----								
YEAR 2032	-----								
YEAR 2033	-----								
YEAR 2034	-----								
YEAR 2035	-----								
YEAR 2036	-----								
YEAR 2037	-----								
YEAR 2038	-----								
YEAR 2039	-----								
YEAR 2040	-----								

GENERATING COMPANIES
THERMAL UNIT

1 ORCO+CSP		176	177	178	179	181	182	183
		Nuke_KP	IGCC OH	PC_UL_OH	Nuke OH	RPID_03	RPID_04	RPID_08
		1	1	1	1	1	1	1
YEAR 2011	-----							
YEAR 2012	-----							
YEAR 2013	-----							
YEAR 2014	-----							
YEAR 2015	-----							
YEAR 2016	-----							
YEAR 2017	-----							
YEAR 2018	-----							
YEAR 2019	-----							
YEAR 2020	-----							
YEAR 2021	-----							
YEAR 2022	-----							
YEAR 2023	-----							
YEAR 2024	-----							
YEAR 2025	-----							
YEAR 2026	-----							
YEAR 2027	-----							
YEAR 2028	-----							
YEAR 2029	-----							
YEAR 2030	-----							
YEAR 2031	-----							
YEAR 2032	-----							
YEAR 2033	-----							
YEAR 2034	-----							
YEAR 2035	-----							
YEAR 2036	-----							

OWNERSHIP RATIO		0.00	1.00	1.00	1.00	0.00	0.00	0.00
		RATIO						
YEAR 2011	-----							
YEAR 2012	-----							
YEAR 2013	-----							
YEAR 2014	-----							
YEAR 2015	-----							
YEAR 2016	-----							
YEAR 2017	-----							
YEAR 2018	-----							
YEAR 2019	-----							
YEAR 2020	-----							
YEAR 2021	-----							
YEAR 2022	-----							
YEAR 2023	-----							
YEAR 2024	-----							
YEAR 2025	-----							
YEAR 2026	-----							
YEAR 2027	-----							
YEAR 2028	-----							
YEAR 2029	-----							
YEAR 2030	-----							
YEAR 2031	-----							
YEAR 2032	-----							
YEAR 2033	-----							
YEAR 2034	-----							
YEAR 2035	-----							
YEAR 2036	-----							

-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
GENERATING COMPANIES									
THERMAL UNIT									
-----	YEAR 2011	-----	1	OPCO+CSP					
-----	OWNERSHIP RATIO	-----							
-----	YEAR 2012	-----	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1	ORCO+CSP	184	RP1TR_IM	186	RP2TR_IM	187	RP1TR_KP	188	RP2TR_KP	189	T4_TROWA	190	T4_TRCOK	191
THERMAL UNIT		RP1D_20	1	RP1TR_1	1	RP2TR_2	2	RP1TR_1	1	RP2TR_2	2	T4_TROWA	4	T4_TRCOK	4

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

GENERATING COMPANIES
THERMAL UNIT

1	ORCO+CSP	223	MR_STRR1	1	224	MR_STRR2	1	228	AMS3_SI	3	229	BS2_SI	2	230	MRS_CF	5	231	MRS_SI	5	232	RP1I_CF	1
---	----------	-----	----------	---	-----	----------	---	-----	---------	---	-----	--------	---	-----	--------	---	-----	--------	---	-----	---------	---

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GENERATING COMPANIES
THERMAL UNIT

1	ORCO+CSP	233	RP1I_CF	2	234	RP1I_SI	1	235	RP1I_SI	2	251	DC1_HPT	1	252	DC1_IS	1	253	DC1_BFF	1	254	DC1_I17	1
---	----------	-----	---------	---	-----	---------	---	-----	---------	---	-----	---------	---	-----	--------	---	-----	---------	---	-----	---------	---

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

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1	ORCO+CSP	255	DC1_3800 1	257	DC2_HFP 2	258	DC2_EFP 2	259	DC2_SPU 2	260	DC2_3800 2	268	BIGSD_15 1	270	BIGSD_GP 1		
YEAR 2014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2016	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2017	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2018	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2019	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2020	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2021	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2022	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2023	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2024	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2026	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2027	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2028	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2029	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2030	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2031	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2032	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2033	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2034	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2035	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2036	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2037	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2038	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2039	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
YEAR 2040	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
GENERATING COMPANIES																		
THERMAL UNIT																		
YEAR 2011	----	----	1	ORCO+CSP	271	CLN_Q_HM 1	272	CLN_Q_15 1	273	CLN_Q_HM 2	274	CLN_Q_15 2	275	CLN_Q_HM 3	276	CLN_Q_15 3	277	CVL_3_HM 3
OWNERSHIP RATIO	----	----	0.00				0.00				0.00				0.00			1.00
YEAR 2012	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2013	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2016	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2017	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2018	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2019	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2020	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2021	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2022	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2023	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2024	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2026	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
YEAR 2027	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP		285		286		287		288		289		290		291	
YEAR	RATIO	CVT_3_10_3	GLN_5_HM_5	GLN_5_15_5	GLN_6_HM_6	GLN_6_15_6	KWR_F_HM_1	KWR_F_HM_1	KWR_F_HM_1	KWR_F_HM_2	KWR_F_HM_2	KWR_F_HM_2	KWR_F_HM_2	KWR_F_HM_2	KWR_F_HM_2	KWR_F_HM_2	KWR_F_HM_2
YEAR 2026																	
YEAR 2027																	
YEAR 2028																	
YEAR 2029																	
YEAR 2030																	
YEAR 2031																	
YEAR 2032																	
YEAR 2033																	
YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	
YEAR 2040																	
GENERATING COMPANIES THERMAL UNIT		1 OPCO+CSP		285		286		287		288		289		290		291	
YEAR	RATIO	KWR_F_HM_2	KMR_F_GP_2	KMR_F_HM_3	KWR_F_GP_3	KWA_1_HM_1	KWA_1_15_1	KWA_1_15_1	KWA_1_15_1	KWA_2_HM_2	KWA_2_HM_2	KWA_2_HM_2	KWA_2_HM_2	KWA_2_HM_2	KWA_2_HM_2	KWA_2_HM_2	KWA_2_HM_2
YEAR 2011																	
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
YEAR 2020																	
YEAR 2021																	
YEAR 2022																	
YEAR 2023																	
YEAR 2024																	
YEAR 2025																	
YEAR 2026																	
YEAR 2027																	
YEAR 2028																	
YEAR 2029																	
YEAR 2030																	
YEAR 2031																	
YEAR 2032																	
YEAR 2033																	
YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
YEAR 2037																	
YEAR 2038																	
YEAR 2039																	

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	292	293	294	295	296	297	298
		KWA_2_15_2	MSKRI_HM_1	MSKRI_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HM_12_3	
YEAR 2011	OWNERSHIP RATIO	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

1 OPCO+CSP	
292	293
KWA_2_15_2	MSKR1_HM_1
294	295
MSKR1_12_1	MSKR2_HM_2
296	297
MSKR2_12_2	MSKR3_GP_3
298	MR3HM_12_3

YEAR 2038
YEAR 2039
YEAR 2040

GENERATING COMPANIES
THERMAL UNIT

1 OPCO+CSP	
299	300
MSKR4_GP_4	MAHM_12_4
301	302
PICWY_HM_5	PICWY_GP_5
303	304
SP1_F_HM_1	SP1_F_15_1
305	SP2_F_HM_2

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

OWNERSHIP RATIO	
1.00	1.00
1.00	1.00
1.00	1.00
1.00	1.00
0.00	0.00
0.00	0.00
1.00	1.00

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

GENERATING COMPANIES
THERMAL UNIT

1 OPCO+CSP	
306	307
SP2_F_15_2	SP3_O_HM_3
308	309
SP3_O_15_3	SP4_O_HM_4
310	311
SP4_O_15_4	SP5_HM_5
312	SP5_15_5

OWNERSHIP RATIO

1.00	0.00	0.00	1.00	1.00	1.00	1.00
------	------	------	------	------	------	------

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	1	OPCO+CSP	313	314	315	316	317	318	319
THERMAL UNIT			TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	PW_GP_15
			1	1	2	2	3	3	5

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

GENERATING COMPANIES
THERMAL UNIT

1	OPCO+CSP	320	500	501	502	503	958	959
		RH11s_1	DUMWY_OP	DUMWY_IM	DUMWY_AP	DUMWY_KP	CC_KPCO	RP2D_KP
		1	0	0	0	0	958	959

-----	YEAR 2011	-----	RATIO	0.00	1.00	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	960	961	962	963	964	965	966
YEAR 2029	RP2D_IM	960	CSVC_SGR	962	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP
YEAR 2030			961	962	963	964	965	966
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	967	968	969	970	971	972	973
OMWERSHIP RATIO	BS2_FSD	967	CR2_NGCC	969	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2011			968	969	970	971	972	973
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	974	975	976	977	978	979	980
OMWERSHIP RATIO	DUMMY_OP	974	DUMMY_OP	976	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
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YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	1 OPCO+CSP	DUMMY_OP						
		981	982	983	984	985	986	987
YEAR 2011								
OWNERSHIP RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES								
THERMAL UNIT								
	1 OPCO+CSP	988	989	990	991	992	993	994
	DUMMY_OP	988	989	990	991	992	993	994
YEAR 2011								
OWNERSHIP RATIO	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								

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

GENERATING COMPANIES
 THERMAL UNIT

1 OPCC+CSP
 995 995
 DUMMY OP 995 T4_TRONA 996
 995 996
 RP2TR_KP 997
 997 997
 RP2TR_IM 998
 998 998
 DUMMY_OP 999
 999 999

YEAR 2011	RATIO	1.00	0.00	0.00	0.00	1.00
----- YEAR 2011 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2012 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2013 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2014 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2015 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2016 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2017 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2018 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2019 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2020 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2021 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00
----- YEAR 2022 -----	----- RATIO -----	1.00	0.00	0.00	0.00	1.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

1	OPCO+CSP	995	T4_TRONA	996	RP2TR_KP	997	RP2TR_TM	998	DUMKY_OP	999
		DUMKY_OP	995							
			996							
			997							
			998							
			999							

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

GENERATING COMPANIES
THERMAL UNIT

2	1EM	1	AMOS	2	AMOS	3	AMOS_OP	4	BRCKORD	5	BIG SAND	6	BIG SAND	7	CARD 1+2
		1	1	2	3	6	1	2	1	2	1				
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

OWNERSHIP RATIO

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
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 ----- YEAR 2026 -----
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 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

2	15M	8	9	10	11	12	13	14
YEAR 2035		CARD 1+2	CARD 3	CLIFFTY 1	CLIFFTY 2	CLIFFTY 3	CLIFFTY 4	CLIFFTY 5
YEAR 2036		2	3	1	2	3	4	5

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

GENERATING COMPANIES
THERMAL UNIT

2	15M	15	16	17	18	19	20	21
YEAR 2011		CLIFFTY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3
YEAR 2012		6	1	2	3	1	2	3

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

2	15M	22	23	24	25	26	27	28
GENERATING COMPANIES THERMAL UNIT		CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2
YEAR 2011		4	5	6	1	2	1	2
OWNERSHIP RATIO		0.00	0.00	0.00	1.00	1.00	0.00	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 T6M	29 GLEN LYN 5	30 GLEN LYN 6	31 0	32 0	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3
YEAR 2014	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---
GENERATING COMPANIES								
THERMAL UNIT								
YEAR 2011	---	36 KAMMWA 1	37 KAMMWA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	---	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		2 IEM		43		44		45		46		47		48		49	
THERMAL UNIT		MITCHELL		MITCHELL		MOUNT_ER		MUSK_RVR		MUSK_RVR		MUSK_RVR		MUSK_RVR		MUSK_RVR	
		1		2		1		1		2		3		4		5	
YEAR 2026	-----																
YEAR 2027	-----																
YEAR 2028	-----																
YEAR 2029	-----																
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																
GENERATING COMPANIES																	
THERMAL UNIT																	
2 IEM																	
		50		51		52		53		54		55		56			
		MUSK_RVR		P_SPORN		P_SPORN		P_SPORN		P_SPORN		P_SPORN		P_SPORN		PICWAY	
		5		1		2		3		4		5		5			
YEAR 2011	-----	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																
YEAR 2019	-----																
YEAR 2020	-----																
YEAR 2021	-----																
YEAR 2022	-----																
YEAR 2023	-----																
YEAR 2024	-----																
YEAR 2025	-----																
YEAR 2026	-----																
YEAR 2027	-----																
YEAR 2028	-----																
YEAR 2029	-----																
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																

4-Company Best Optimization

YEAR 2010	GENERATING COMPANIES THERMAL UNIT	2 I&M	RPRRT_IM 1	RPRUN_IM 1	ROCKP_IM 2	60	STUART 1	STUART 2	STUART 3
YEAR 2011	OWNERSHIP RATIO	RATIO	1.00	1.00	1.00	0.00	0.00	0.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

2 I&M

57	58	59	60	61	62	63
RRRT_IM 1	RPRUN_IM 1	ROCKP_IM 2	0	STUART 1	STUART 2	STUART 3

YEAR 2038 -----

YEAR 2039 -----

YEAR 2040 -----

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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

YEAR 2011 -----

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

YEAR 2018 -----

YEAR 2019 -----

YEAR 2020 -----

YEAR 2021 -----

YEAR 2022 -----

YEAR 2023 -----

YEAR 2024 -----

YEAR 2025 -----

YEAR 2026 -----

YEAR 2027 -----

YEAR 2028 -----

YEAR 2029 -----

YEAR 2030 -----

YEAR 2031 -----

YEAR 2032 -----

YEAR 2033 -----

YEAR 2034 -----

YEAR 2035 -----

YEAR 2036 -----

YEAR 2037 -----

YEAR 2038 -----

YEAR 2039 -----

YEAR 2040 -----

GENERATING COMPANIES
THERMAL UNIT

2 I&M

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

YEAR 2011 -----

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

YEAR 2018 -----

RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00

ADP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAV.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

2 I&M		DARBY		DARBY		DARBY		DARBY	
CEREDO	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	DARBY
79	80	81	82	83	84	85			
5	6	1	2	3	4	5			

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

GENERATING COMPANIES
THERMAL UNIT

2 I&M		DARBY		DARBY		DARBY		DARBY		DARBY	
DARBY	LMBG WIN	LMBG WIN	LMBG SMR	LMBG SMR	WATR CC	WATR2					
86	87	88	89	90	91	92					
6	1	2	1	2	1	1					

OWNERSHIP RATIO		RATIO									
YEAR 2011	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	-----										
YEAR 2013	-----										
YEAR 2014	-----										
YEAR 2015	-----										
YEAR 2016	-----										
YEAR 2017	-----										
YEAR 2018	-----										
YEAR 2019	-----										
YEAR 2020	-----										
YEAR 2021	-----										
YEAR 2022	-----										
YEAR 2023	-----										
YEAR 2024	-----										
YEAR 2025	-----										
YEAR 2026	-----										
YEAR 2027	-----										
YEAR 2028	-----										
YEAR 2029	-----										
YEAR 2030	-----										

-----	YEAR 2031	-----								
-----	YEAR 2032	-----								
-----	YEAR 2033	-----								
-----	YEAR 2034	-----								
-----	YEAR 2035	-----								
-----	YEAR 2036	-----								
-----	YEAR 2037	-----								
-----	YEAR 2038	-----								
-----	YEAR 2039	-----								
-----	YEAR 2040	-----								
GENERATING COMPANIES										
THERMAL UNIT										
-----	YEAR 2011	-----	2 I&M	93	94	95	96	97	101	102
-----	OWNERSHIP RATIO	-----	DRESDEN	1	1	0	0	0	NUCLEAR	UPC_NCCS
-----	YEAR 2012	-----		1	1	0	0	0	1	1
-----	YEAR 2013	-----	RATIO	0.00	0.00	0.00	0.00	1.00	0.00	0.00
-----	YEAR 2014	-----								
-----	YEAR 2015	-----								
-----	YEAR 2016	-----								
-----	YEAR 2017	-----								
-----	YEAR 2018	-----								
-----	YEAR 2019	-----								
-----	YEAR 2020	-----								
-----	YEAR 2021	-----								
-----	YEAR 2022	-----								
-----	YEAR 2023	-----								
-----	YEAR 2024	-----								
-----	YEAR 2025	-----								
-----	YEAR 2026	-----								
-----	YEAR 2027	-----								
-----	YEAR 2028	-----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 IEM	93	94	95	96	97	101	102
YEAR 2029	DRESDEN 1	DRESD2 1	0	0	0	0	NUCLEAR 1	UPC_NCCS 1
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES
THERMAL UNIT

2 IEM

103	104	105	106	107	108	109
PC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC_GE 1	IGC_RCCS 1	CC_2X1FB 1	CC_2X1FA 1

OWMERSHIP RATIO	RATIO
YEAR 2011	0.00
YEAR 2012	0.00
YEAR 2013	0.00
YEAR 2014	0.00
YEAR 2015	0.00
YEAR 2016	0.00
YEAR 2017	0.00
YEAR 2018	0.00
YEAR 2019	0.00
YEAR 2020	0.00
YEAR 2021	0.00
YEAR 2022	0.00
YEAR 2023	0.00
YEAR 2024	0.00
YEAR 2025	0.00
YEAR 2026	0.00
YEAR 2027	0.00
YEAR 2028	0.00
YEAR 2029	0.00
YEAR 2030	0.00
YEAR 2031	0.00
YEAR 2032	0.00
YEAR 2033	0.00
YEAR 2034	0.00
YEAR 2035	0.00
YEAR 2036	0.00
YEAR 2037	0.00
YEAR 2038	0.00
YEAR 2039	0.00
YEAR 2040	0.00

GENERATING COMPANIES
THERMAL UNIT

2 IEM

110	111	114	115	119	120	124
CC_1x17H 1	BS2_CC 1	CT_GE/FA 1	CT_GE/FA 1	0	0	BS2_FGD 2

YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00
OWNERSHIP RATIO						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		2 I&M		125		126		127		129		130		131		132	
THERMAL UNIT		BS1_FGD		CSV5_SCR		CSV6_SCR		CR1_NGCC		CR2_NGCC		MRS_NGCC		MRS_FGD			
YEAR	RATIO	YEAR	RATIO	YEAR	RATIO	YEAR	RATIO	YEAR	RATIO	YEAR	RATIO	YEAR	RATIO	YEAR	RATIO	YEAR	RATIO
YEAR 2011	0.00	YEAR 2011	0.00	YEAR 2011	0.00	YEAR 2011	0.00	YEAR 2011	0.00	YEAR 2011	0.00	YEAR 2011	0.00	YEAR 2011	0.00	YEAR 2011	0.00
YEAR 2012		YEAR 2012		YEAR 2012		YEAR 2012		YEAR 2012		YEAR 2012		YEAR 2012		YEAR 2012		YEAR 2012	
YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013	
YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014	
YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015	
YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016	
YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017	
YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018	
YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019	
YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020	
YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021	
YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022	
YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023	
YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024	
YEAR 2025		YEAR 2025		YEAR 2025		YEAR 2025		YEAR 2025		YEAR 2025		YEAR 2025		YEAR 2025		YEAR 2025	
YEAR 2026		YEAR 2026		YEAR 2026		YEAR 2026		YEAR 2026		YEAR 2026		YEAR 2026		YEAR 2026		YEAR 2026	
YEAR 2027		YEAR 2027		YEAR 2027		YEAR 2027		YEAR 2027		YEAR 2027		YEAR 2027		YEAR 2027		YEAR 2027	
YEAR 2028		YEAR 2028		YEAR 2028		YEAR 2028		YEAR 2028		YEAR 2028		YEAR 2028		YEAR 2028		YEAR 2028	
YEAR 2029		YEAR 2029		YEAR 2029		YEAR 2029		YEAR 2029		YEAR 2029		YEAR 2029		YEAR 2029		YEAR 2029	
YEAR 2030		YEAR 2030		YEAR 2030		YEAR 2030		YEAR 2030		YEAR 2030		YEAR 2030		YEAR 2030		YEAR 2030	
YEAR 2031		YEAR 2031		YEAR 2031		YEAR 2031		YEAR 2031		YEAR 2031		YEAR 2031		YEAR 2031		YEAR 2031	
YEAR 2032		YEAR 2032		YEAR 2032		YEAR 2032		YEAR 2032		YEAR 2032		YEAR 2032		YEAR 2032		YEAR 2032	
YEAR 2033		YEAR 2033		YEAR 2033		YEAR 2033		YEAR 2033		YEAR 2033		YEAR 2033		YEAR 2033		YEAR 2033	
YEAR 2034		YEAR 2034		YEAR 2034		YEAR 2034		YEAR 2034		YEAR 2034		YEAR 2034		YEAR 2034		YEAR 2034	
YEAR 2035		YEAR 2035		YEAR 2035		YEAR 2035		YEAR 2035		YEAR 2035		YEAR 2035		YEAR 2035		YEAR 2035	
YEAR 2036		YEAR 2036		YEAR 2036		YEAR 2036		YEAR 2036		YEAR 2036		YEAR 2036		YEAR 2036		YEAR 2036	
YEAR 2037		YEAR 2037		YEAR 2037		YEAR 2037		YEAR 2037		YEAR 2037		YEAR 2037		YEAR 2037		YEAR 2037	
YEAR 2038		YEAR 2038		YEAR 2038		YEAR 2038		YEAR 2038		YEAR 2038		YEAR 2038		YEAR 2038		YEAR 2038	
YEAR 2039		YEAR 2039		YEAR 2039		YEAR 2039		YEAR 2039		YEAR 2039		YEAR 2039		YEAR 2039		YEAR 2039	
YEAR 2040		YEAR 2040		YEAR 2040		YEAR 2040		YEAR 2040		YEAR 2040		YEAR 2040		YEAR 2040		YEAR 2040	
GENERATING COMPANIES		2 I&M		133		134		135		136		137		144		145	
THERMAL UNIT		RP1D_IM		RP2D_IM		TAN4_FGD		RP1D_KP		RP2D_KP		TC4_ESP		A390%_AF			
YEAR 2011	RATIO	YEAR 2011	RATIO	YEAR 2011	RATIO	YEAR 2011	RATIO	YEAR 2011	RATIO	YEAR 2011	RATIO	YEAR 2011	RATIO	YEAR 2011	RATIO	YEAR 2011	RATIO
YEAR 2012	1.00	YEAR 2012	1.00	YEAR 2012	1.00	YEAR 2012	0.00	YEAR 2012	0.00	YEAR 2012	1.00	YEAR 2012	0.00	YEAR 2012	0.00	YEAR 2012	
YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013		YEAR 2013	
YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014		YEAR 2014	
YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015		YEAR 2015	
YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016		YEAR 2016	
YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017		YEAR 2017	
YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018		YEAR 2018	
YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019		YEAR 2019	
YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020		YEAR 2020	
YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021		YEAR 2021	
YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022		YEAR 2022	
YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023		YEAR 2023	
YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024		YEAR 2024	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
MULTIPLIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		2 IGM		161		162		163		164		165		166		168	
THERMAL UNIT		CT_KPCO	1	CC_KPCO	1	BS2_FGD	1	BS2_FGD	1	BS2_FGD	5	BS2_FGD	22	BS2_FGD	23	IGCC_AP	1
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

GENERATING COMPANIES		2 IGM		169		170		171		172		173		174		175	
THERMAL UNIT		PC_UL_AP	1	NUKE_AP	1	IGCC_IM	1	PC_UL_IM	1	NUKE_IM	1	IGCC_KP	1	PC_UL_KP	1	---	---
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

GENERATING COMPANIES		2 IGM		176		177		178		179		181		182		183	
THERMAL UNIT		NUKE_KP	1	IGCC_OH	1	PC_UL_OH	1	NUKE_OH	1	RPID_03	1	RPID_04	1	RPID_08	1	---	---
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	2 I&M	184	186	187	188	189	190	191
	RPID_20	RP1TR_1M	RP2TR_1M	RP1TR_KP	RP2TR_KP	T4_TROVA	T4_TROCR	
YEAR 2014	1							
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT	2 I&M	223	224	228	229	230	231	232
	MR_STKR1	MR_STKR2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI	RPT1_CF	
OWNERHIP RATIO	1	1	3	2	5	5	5	1
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		2 IAM		233		234		235		251		252		253		254	
THERMAL UNIT		RP12_CF	RP1_SF	RP12_SF	DCL_HPT	DCL_IS	DCL_EFF	DCL_SF	DCL_IS	DCL_EFF	DCL_SF	DCL_IS	DCL_EFF	DCL_SF	DCL_IS	DCL_EFF	DCL_SF
YEAR 2026	-----	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
YEAR 2027	-----																
YEAR 2028	-----																
YEAR 2029	-----																
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																
GENERATING COMPANIES		2 IAM		255		257		258		259		260		269		270	
THERMAL UNIT		DC1_3800	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP									
YEAR 2011	-----	1	2	2	2	2	1	1									
OMMERSHIP RATIO	-----	1.00	1.00	1.00	1.00	1.00	0.00	0.00									
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																
YEAR 2019	-----																
YEAR 2020	-----																
YEAR 2021	-----																
YEAR 2022	-----																
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YEAR 2024	-----																
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YEAR 2026	-----																
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YEAR 2028	-----																
YEAR 2029	-----																
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																

4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	2 I&M	271 CIN_Q_HM 1	272 CIN_Q_15 1	273 CIN_Q_HM 2	274 CIN_Q_15 2	275 CIN_Q_HM 3	276 CIN_Q_15 3	277 CVL_3_HM 3
YEAR 2011	OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
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YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		2 I&M		2 I&M		2 I&M		2 I&M		2 I&M	
THERMAL UNIT		271	272	273	274	275	276	277	278	279	280
YEAR 2038	YEAR 2039	CIN_Q_HM 1	CIN_Q_15 1	CIN_Q_HM 2	CIN_Q_15 2	CIN_Q_HM 3	CIN_Q_15 3	CIN_Q_HM 3	CIN_Q_15 3	CIN_Q_HM 1	CIN_Q_15 1
YEAR 2040	YEAR 2040										
GENERATING COMPANIES		2 I&M		2 I&M		2 I&M		2 I&M		2 I&M	
THERMAL UNIT		278	279	280	281	282	283	284	278	279	280
YEAR 2011	YEAR 2012	CVL_3_10 3	GIN_5_HM 5	GIN_5_15 5	GIN_6_HM 6	GIN_6_15 6	KMR_F_HM 1	KMR_F_GP 1	CVL_3_10 3	GIN_5_HM 5	GIN_5_15 5
OWNERSHIP RATIO		RATIO		RATIO		RATIO		RATIO		RATIO	
YEAR 2013	YEAR 2013										
YEAR 2014	YEAR 2014										
YEAR 2015	YEAR 2015										
YEAR 2016	YEAR 2016										
YEAR 2017	YEAR 2017										
YEAR 2018	YEAR 2018										
YEAR 2019	YEAR 2019										
YEAR 2020	YEAR 2020										
YEAR 2021	YEAR 2021										
YEAR 2022	YEAR 2022										
YEAR 2023	YEAR 2023										
YEAR 2024	YEAR 2024										
YEAR 2025	YEAR 2025										
YEAR 2026	YEAR 2026										
YEAR 2027	YEAR 2027										
YEAR 2028	YEAR 2028										
YEAR 2029	YEAR 2029										
YEAR 2030	YEAR 2030										
YEAR 2031	YEAR 2031										
YEAR 2032	YEAR 2032										
YEAR 2033	YEAR 2033										
YEAR 2034	YEAR 2034										
YEAR 2035	YEAR 2035										
YEAR 2036	YEAR 2036										
YEAR 2037	YEAR 2037										
YEAR 2038	YEAR 2038										
YEAR 2039	YEAR 2039										
YEAR 2040	YEAR 2040										
GENERATING COMPANIES		2 I&M		2 I&M		2 I&M		2 I&M		2 I&M	
THERMAL UNIT		285	286	287	288	289	290	291	285	286	287
YEAR 2011	YEAR 2011	KMR_F_HM 2	KMR_F_GP 2	KMR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KMR_F_HM 2	KMR_F_GP 2	KMR_F_HM 3
OWNERSHIP RATIO		RATIO		RATIO		RATIO		RATIO		RATIO	
YEAR 2012	YEAR 2012										
YEAR 2013	YEAR 2013										
YEAR 2014	YEAR 2014										
YEAR 2015	YEAR 2015										
YEAR 2016	YEAR 2016										
YEAR 2017	YEAR 2017										
YEAR 2018	YEAR 2018										
YEAR 2019	YEAR 2019										
YEAR 2020	YEAR 2020										
YEAR 2021	YEAR 2021										
YEAR 2022	YEAR 2022										
YEAR 2023	YEAR 2023										
YEAR 2024	YEAR 2024										
YEAR 2025	YEAR 2025										
YEAR 2026	YEAR 2026										
YEAR 2027	YEAR 2027										
YEAR 2028	YEAR 2028										
YEAR 2029	YEAR 2029										
YEAR 2030	YEAR 2030										
YEAR 2031	YEAR 2031										
YEAR 2032	YEAR 2032										
YEAR 2033	YEAR 2033										
YEAR 2034	YEAR 2034										
YEAR 2035	YEAR 2035										
YEAR 2036	YEAR 2036										
YEAR 2037	YEAR 2037										
YEAR 2038	YEAR 2038										
YEAR 2039	YEAR 2039										
YEAR 2040	YEAR 2040										

-----	YEAR 2031	-----									
-----	YEAR 2032	-----									
-----	YEAR 2033	-----									
-----	YEAR 2034	-----									
-----	YEAR 2035	-----									
-----	YEAR 2036	-----									
-----	YEAR 2037	-----									
-----	YEAR 2038	-----									
-----	YEAR 2039	-----									
-----	YEAR 2040	-----									
GENERATING COMPANIES											
THERMAL UNIT											
-----	YEAR 2011	-----									
-----	YEAR 2012	-----									
-----	YEAR 2013	-----									
-----	YEAR 2014	-----									
-----	YEAR 2015	-----									
-----	YEAR 2016	-----									
-----	YEAR 2017	-----									
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-----	YEAR 2022	-----									
-----	YEAR 2023	-----									
-----	YEAR 2024	-----									
-----	YEAR 2025	-----									
-----	YEAR 2026	-----									
-----	YEAR 2027	-----									
-----	YEAR 2028	-----									

-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	-----	YEAR 2011	-----	RATIO	
-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	-----	YEAR 2011	-----	0.00	

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

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		2 I&M	
THERMAL UNIT		SP2_F_15	SP3_O_HM
YEAR 2029		306	307
YEAR 2030		2	3
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		2 I&M	
THERMAL UNIT		TNR_F_HM	TNR_F_15
YEAR 2011		313	314
YEAR 2012		1	1
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		2 I&M	
THERMAL UNIT		RH11s_1	DUMMY_OP
YEAR 2011		320	500
YEAR 2012		1	0
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

4-Company East Optimization

YEAR 2011	RATIO	0.00	0.00	1.00	0.00	0.00	0.00
OWNERSHIP RATIO							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
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YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		APP EAST														
THERMAL UNIT		GENERATION AND FUEL MODULE														
		INPUT SUMMARY REPORT														
		QUALIFIER = GAF.INPUT.THERMAL UNIT.														
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024			
OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO			
		2 I&M	960	961	962	963	964	965	966	967	968	969	970	971	972	973
		RP2D_IM_960	CSV6_SCR_961	CSV5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_03_965	RP1D_KP_966	BS2_FGD_967	CR2_NGCC_968	CR1_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972	DUMMY_OP_973	
YEAR 2011	YEAR 2012	1.00	0.00	0.00	0.00	0.00	1.00	0.00								
YEAR 2013	YEAR 2014															
YEAR 2015	YEAR 2016															
YEAR 2017	YEAR 2018															
YEAR 2019	YEAR 2020															
YEAR 2021	YEAR 2022															
YEAR 2023	YEAR 2024															
YEAR 2025	YEAR 2026															
YEAR 2027	YEAR 2028															
YEAR 2029	YEAR 2030															
YEAR 2031	YEAR 2032															
YEAR 2033	YEAR 2034															
YEAR 2035	YEAR 2036															
YEAR 2037	YEAR 2038															
YEAR 2039	YEAR 2040															
GENERATING COMPANIES																
THERMAL UNIT																
		2 I&M	967	968	969	970	971	972	973							
		BS2_FGD_967	CR2_NGCC_968	CR1_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972	DUMMY_OP_973								
YEAR 2011	YEAR 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
YEAR 2013	YEAR 2014															
YEAR 2015	YEAR 2016															
YEAR 2017	YEAR 2018															
YEAR 2019	YEAR 2020															
YEAR 2021	YEAR 2022															
YEAR 2023	YEAR 2024															

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

GENERATING COMPANIES
 THERMAL UNIT

2 ITEM

974 974 975 976 977 978 979 980
 DUMMY OP DUMMY OP DUMMY OP DUMMY OP DUMMY OP DUMMY OP DUMMY OP DUMMY OP
 574 574 575 576 577 578 579 580

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

RATIO

0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

2 ICM	974	975	976	977	978	979	980
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
974	975	976	977	978	979	980	

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

GENERATING COMPANIES
THERMAL UNIT

2 ICM	981	982	983	984	985	986	987
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
981	982	983	984	985	986	987	

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

OWNERSHIP RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

-----	YEAR 2037	-----								
-----	YEAR 2038	-----								
-----	YEAR 2039	-----								
-----	YEAR 2040	-----								
GENERATING COMPANIES										
THERMAL UNIT										
	2 T&M									
-----	YEAR 2011	-----								
-----	YEAR 2012	-----								
-----	YEAR 2013	-----								
-----	YEAR 2014	-----								
-----	YEAR 2015	-----								
-----	YEAR 2016	-----								
-----	YEAR 2017	-----								
-----	YEAR 2018	-----								
-----	YEAR 2019	-----								
-----	YEAR 2020	-----								
-----	YEAR 2021	-----								
-----	YEAR 2022	-----								
-----	YEAR 2023	-----								
-----	YEAR 2024	-----								
-----	YEAR 2025	-----								
-----	YEAR 2026	-----								
-----	YEAR 2027	-----								
-----	YEAR 2028	-----								
-----	YEAR 2029	-----								
-----	YEAR 2030	-----								
-----	YEAR 2031	-----								
-----	YEAR 2032	-----								
-----	YEAR 2033	-----								
-----	YEAR 2034	-----								

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	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 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

YEAR 2040 -----

GENERATING COMPANIES
THERMAL UNIT

2 I&M	995 DUMMY_OP 995	996 T4_TRONA 996	997 RP2TR_KP 997	998 RP2TR_IM 998	999 DUMMY_OP 999
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

OMNERSHIP RATIO	RATIO	0.00	1.00	0.00	1.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

GENERATING COMPANIES
THERMAL UNIT

3 ARCO	1 AMOS	2 AMOS	3 AMOS_OP	4 BECKJORD	5 BIG SAND	6 BIG SAND	7 CARD 1+2
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							

OMNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3 ARCO	8 CARD 1+2	9 CARD 3	10 CLIFFY 1	11 CLIFFY 2	12 CLIFFY 3	13 CLIFFY 4	14 CLIFFY 5
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT	3 ARCO	15 CLIFFY 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
OWNERSHIP RATIO	RATIO	0.00	1.00	1.00	1.00	0.00	0.00	0.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3 APCCO	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 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES THERMAL UNIT	3 APCCO	29 GLEN LYN 5	30 GLEN LYN 6	31 0	32 0	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3
OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								

4-Company East Optimization

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	3 ABCC	36 KANAMHA 1	37 KANAMHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5
YEAR 2011	OWNERSHIP RATIO	RATIO	1.00	1.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	3	APCO							
THERMAL UNIT	36	KANAMHA	37	KANAMHA	38	KYGER	39	KYGER	40
	1		2		1		2		3
									4
									5

YEAR 2038									
YEAR 2039									
YEAR 2040									

GENERATING COMPANIES	3	APCO							
THERMAL UNIT	43	MITCHELL	44	MITCHELL	45	MOUNT_ER	46	MUSK RVR	47
	1		2		1		1		2
									3
									4

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

GENERATING COMPANIES	3	APCO							
THERMAL UNIT	50	MUSK RVR	51	P SPORN	52	P SPORN	53	P SPORN	54
	5		1		2		3		4
									5
									PICWAY
									5

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

OWNERSHIP RATIO									
YEAR 2011	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	3	ARCO						
THERMAL UNIT	57	58	59	60	61	62	63	
	RPRPT_IM	RPRUN_IM	ROCKP_IM		SUQART	STUART	STUART	
	_1	_1	_2	0	_1	_2	_3	

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

GENERATING COMPANIES 3 ARCO
 THERMAL UNIT STUART 64 AMOS_AP 65 TANN 1-3 66 TANN 1-3 67 TANN 1-3 68 TANN 4 69 ZIMMER 70

OWNERSHIP RATIO	RATIO	0.00	1.00	0.00	0.00	0.00	0.00	0.00
----- YEAR 2011 -----								
----- YEAR 2012 -----								
----- YEAR 2013 -----								
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								
----- YEAR 2023 -----								
----- YEAR 2024 -----								
----- YEAR 2025 -----								
----- YEAR 2026 -----								
----- YEAR 2027 -----								
----- YEAR 2028 -----								
----- YEAR 2029 -----								
----- YEAR 2030 -----								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		3 APCC		ROBTWONE		ROBTWONE		ROBTWONE		CEREDO		CEREDO		CEREDO	
YEAR	2029	YEAR	2030	YEAR	2031	YEAR	2032	YEAR	2033	YEAR	2034	YEAR	2035	YEAR	2036
71	72	73	75	76	77	78									
ROBTWONE 1	ROBTWONE 2	ROBTWONE 3	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4									

GENERATING COMPANIES THERMAL UNIT		3 APCC		CEREDO		DARBY		DARBY		DARBY		DARBY	
YEAR	2011	YEAR	2012	YEAR	2013	YEAR	2014	YEAR	2015	YEAR	2016	YEAR	2017
79	80	81	82	83	84	85							
CEREDO 5	CEREDO 6	DARBY 1	DARBY 2	DARBY 3	DARBY 4	DARBY 5							

OWNERSHIP RATIO		RATIO	
YEAR 2011	1.00	YEAR 2012	1.00
YEAR 2013	1.00	YEAR 2014	1.00
YEAR 2015	1.00	YEAR 2016	1.00
YEAR 2017	1.00	YEAR 2018	1.00
YEAR 2019	1.00	YEAR 2020	1.00
YEAR 2021	1.00	YEAR 2022	1.00
YEAR 2023	1.00	YEAR 2024	1.00
YEAR 2025	1.00	YEAR 2026	1.00
YEAR 2027	1.00	YEAR 2028	1.00
YEAR 2029	1.00	YEAR 2030	1.00
YEAR 2031	1.00	YEAR 2032	1.00
YEAR 2033	1.00	YEAR 2034	1.00
YEAR 2035	1.00	YEAR 2036	1.00
YEAR 2037	1.00	YEAR 2038	1.00
YEAR 2039	1.00	YEAR 2040	1.00

GENERATING COMPANIES THERMAL UNIT		3 APCC		DARBY		LMBG WIN		LMBG SRK		LMBG SRK		WATR CC		WATR2	
YEAR	2011	YEAR	2012	YEAR	2013	YEAR	2014	YEAR	2015	YEAR	2016	YEAR	2017	YEAR	2018
86	87	88	89	90	91	92									
DARBY 6	LMBG WIN 1	LMBG WIN 2	LMBG SRK 1	LMBG SRK 2	WATR CC 1	WATR2 1									

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		3 APCO							
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
OMNERSHIP RATIO	OMNERSHIP RATIO	DRSDEN 1	DRSD2 1	95 0	96 0	97 0	101 NUCLEAR 1	102 UPC_NCCS 1	
		1.00	1.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030
YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
GENERATING COMPANIES									
THERMAL UNIT									
		103 PC_UL_SU 1	104 UPC_RCCS 1	105 IGC_NCCS 1	106 IGCC GE 1	107 IGC_RCCS 1	108 CC 2X1FB 1	109 CC 2X1FA 1	
OMNERSHIP RATIO	OMNERSHIP RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030
YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3 APCC	110 CC 1x17H 1	111 BS2_CC 1	114 CT_G7FA 1	115 CT_G7FA 1	119 0	120 0	124 BS2_FGD 2
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES
THERMAL UNIT

3 APCC

125
BS1_FGD
1

126
CSV5_SCR
5

127
CSV6_SCR
6

129
CR1_NGCC
1

130
CR2_NGCC
2

131
MR5_NGCC
5

132
MR8_FGD
5

OWNERHIP RATIO	RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		3 APCO	
THERMAL UNIT		161	162
YEAR 2014	-----	CT_KRCC 1	CC_KRCC 1
YEAR 2015	-----		BS2 FGD 1
YEAR 2016	-----		BS2 FGD 5
YEAR 2017	-----		BS2 FGD 22
YEAR 2018	-----		BS2 FGD 23
YEAR 2019	-----		IGCC AP 1
YEAR 2020	-----		
YEAR 2021	-----		
YEAR 2022	-----		
YEAR 2023	-----		
YEAR 2024	-----		
YEAR 2025	-----		
YEAR 2026	-----		
YEAR 2027	-----		
YEAR 2028	-----		
YEAR 2029	-----		
YEAR 2030	-----		
YEAR 2031	-----		
YEAR 2032	-----		
YEAR 2033	-----		
YEAR 2034	-----		
YEAR 2035	-----		
YEAR 2036	-----		
YEAR 2037	-----		
YEAR 2038	-----		
YEAR 2039	-----		
YEAR 2040	-----		

GENERATING COMPANIES		3 APCO	
THERMAL UNIT		169	170
YEAR 2011	-----	PC_UL_AP 1	Nuke_AP 1
YEAR 2012	-----		IGCC IM 1
YEAR 2013	-----		PC_UL_IM 1
YEAR 2014	-----		NURK_IM 1
YEAR 2015	-----		IGCC KP 1
YEAR 2016	-----		PC_UL_KP 1
YEAR 2017	-----		
YEAR 2018	-----		
YEAR 2019	-----		
YEAR 2020	-----		
YEAR 2021	-----		
YEAR 2022	-----		
YEAR 2023	-----		
YEAR 2024	-----		
YEAR 2025	-----		
YEAR 2026	-----		
YEAR 2027	-----		

OWNERSHIP RATIO		RATIO	
YEAR 2011	-----	1.00	1.00
YEAR 2012	-----		0.00
YEAR 2013	-----		0.00
YEAR 2014	-----		0.00
YEAR 2015	-----		0.00
YEAR 2016	-----		0.00
YEAR 2017	-----		0.00
YEAR 2018	-----		0.00
YEAR 2019	-----		0.00
YEAR 2020	-----		0.00
YEAR 2021	-----		0.00
YEAR 2022	-----		0.00
YEAR 2023	-----		0.00
YEAR 2024	-----		0.00
YEAR 2025	-----		0.00
YEAR 2026	-----		0.00
YEAR 2027	-----		0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		3 APCCO		3 APCCO		3 APCCO		3 APCCO	
YEAR	THermal UNIT	NUKE_KP	IGCC OH	FC_UL_OH	NUKE OH	RP1D_03	RP1D_04	RP1D_08	RP1D_08
YEAR 2026		176	177	178	179	181	182	183	
YEAR 2027		1	1	1	1	1	1	1	
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
GENERATING COMPANIES									
THERMAL UNIT									
YEAR 2011		184	186	187	188	189	190	191	
OWNERSHIP RATIO		RP1D_20	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR	
YEAR 2012		1	1	2	1	2	4	4	
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	3 APCC	MR_STKR1 223 1	MR_STKR2 224 1	AMS3_SI 228 3	BS2_SI 229 2	MRS_CF 230 5	MRS_SI 231 5	RPPL_CF 232 1
YEAR 2011	OWNERSHIP RATIO	RATIO	0.00	0.00	1.00	0.00	0.00	0.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		3 ARCO		223		224		228		229		230		231		232	
THERMAL UNIT		MR_STKR1	MR_STKR2	AMS3_ST	BS2_ST	MRS5_CF	MRS5_SI	RP11_CF									
YEAR 2038	YEAR 2039	1	1	3	2	5	5	1									

GENERATING COMPANIES		3 ARCO		233		234		235		251		252		253		254	
THERMAL UNIT		RPT2_CF	RPT1_SI	RPT2_SI	DC1_HPF	DC1_IS	DC1_EFF	DC1_17									
YEAR 2011	YEAR 2012	2	1	2	1	1	1	1									

OWNERSHIP RATIO		RATIO		0.00		0.00		0.00		0.00		0.00		0.00		0.00	

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

GENERATING COMPANIES		3 ARCO		255		257		258		259		260		269		270	
THERMAL UNIT		DC1_3800	DC2_HPF	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP									
YEAR 2011	YEAR 2012	1	2	2	2	2	1	1									

OWNERSHIP RATIO		RATIO		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
YEAR 2013	YEAR 2014																
YEAR 2015	YEAR 2016																
YEAR 2017	YEAR 2018																

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

GENERATING COMPANIES									
THERMAL UNIT									
3 ARCO									
			CLN_Q_HM	CLN_Q_15	CLN_Q_HM	CLN_Q_15	CLN_Q_HM	CLN_Q_15	CVL_3_HM
			271	272	273	274	275	276	277
			1	1	2	2	3	3	3
-----	YEAR 2011	-----							
-----	OWNERSHIP RATIO	-----							
-----	YEAR 2012	-----	1.00	1.00	1.00	1.00	1.00	1.00	0.00
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
-----	YEAR 2015	-----							
-----	YEAR 2016	-----							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3	APCO	271 CLN_O_HM 1	272 CLN_O_15 1	273 CLN_O_HM 2	274 CLN_O_15 2	275 CLN_O_HM 3	276 CLN_O_15 3	277 CVL_3_HM 3
--------------------------------------	---	------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

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

GENERATING COMPANIES
THERMAL UNIT

3	APCO	278 CVL_3_10 3	279 GIN_5_HM 5	280 GIN_5_15 5	281 GIN_6_HM 6	282 GIN_6_15 6	283 KMR_F_HM 1	284 KMR_F_GP 1
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OWNERSHIP RATIO	3	APCO	278 CVL_3_10 3	279 GIN_5_HM 5	280 GIN_5_15 5	281 GIN_6_HM 6	282 GIN_6_15 6	283 KMR_F_HM 1	284 KMR_F_GP 1
YEAR 2011	-----								
YEAR 2012	-----								
YEAR 2013	-----								
YEAR 2014	-----								
YEAR 2015	-----								
YEAR 2016	-----								
YEAR 2017	-----								
YEAR 2018	-----								
YEAR 2019	-----								
YEAR 2020	-----								
YEAR 2021	-----								
YEAR 2022	-----								
YEAR 2023	-----								
YEAR 2024	-----								
YEAR 2025	-----								
YEAR 2026	-----								
YEAR 2027	-----								
YEAR 2028	-----								
YEAR 2029	-----								
YEAR 2030	-----								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		3 ARCO	
THERMAL UNIT			
YEAR 2029		KMR_F_HM 285	KMR_F_GP 286
YEAR 2030		KMR_F_HM 287	KMR_F_GP 288
YEAR 2031		KMR_F_HM 289	KMR_1_HM 290
YEAR 2032		KMR_F_HM 291	KMR_1_HM 292
YEAR 2033		KMR_F_HM 293	KMR_1_HM 294
YEAR 2034		KMR_F_HM 295	KMR_1_HM 296
YEAR 2035		KMR_F_HM 297	KMR_1_HM 298
YEAR 2036		KMR_F_HM 299	KMR_1_HM 300
YEAR 2037		KMR_F_HM 301	KMR_1_HM 302
YEAR 2038		KMR_F_HM 303	KMR_1_HM 304
YEAR 2039		KMR_F_HM 305	KMR_1_HM 306
YEAR 2040		KMR_F_HM 307	KMR_1_HM 308

GENERATING COMPANIES		3 ARCO	
THERMAL UNIT			
YEAR 2011		KMR_2_15 292	MSKR1_HM 293
YEAR 2012		KMR_2_15 293	MSKR1_HM 294
YEAR 2013		KMR_2_15 294	MSKR1_HM 295
YEAR 2014		KMR_2_15 295	MSKR1_HM 296
YEAR 2015		KMR_2_15 296	MSKR1_HM 297
YEAR 2016		KMR_2_15 297	MSKR1_HM 298
YEAR 2017		KMR_2_15 298	MSKR1_HM 299
YEAR 2018		KMR_2_15 299	MSKR1_HM 300
YEAR 2019		KMR_2_15 300	MSKR1_HM 301
YEAR 2020		KMR_2_15 301	MSKR1_HM 302
YEAR 2021		KMR_2_15 302	MSKR1_HM 303
YEAR 2022		KMR_2_15 303	MSKR1_HM 304
YEAR 2023		KMR_2_15 304	MSKR1_HM 305
YEAR 2024		KMR_2_15 305	MSKR1_HM 306
YEAR 2025		KMR_2_15 306	MSKR1_HM 307
YEAR 2026		KMR_2_15 307	MSKR1_HM 308
YEAR 2027		KMR_2_15 308	MSKR1_HM 309
YEAR 2028		KMR_2_15 309	MSKR1_HM 310
YEAR 2029		KMR_2_15 310	MSKR1_HM 311
YEAR 2030		KMR_2_15 311	MSKR1_HM 312
YEAR 2031		KMR_2_15 312	MSKR1_HM 313
YEAR 2032		KMR_2_15 313	MSKR1_HM 314
YEAR 2033		KMR_2_15 314	MSKR1_HM 315
YEAR 2034		KMR_2_15 315	MSKR1_HM 316
YEAR 2035		KMR_2_15 316	MSKR1_HM 317
YEAR 2036		KMR_2_15 317	MSKR1_HM 318
YEAR 2037		KMR_2_15 318	MSKR1_HM 319
YEAR 2038		KMR_2_15 319	MSKR1_HM 320
YEAR 2039		KMR_2_15 320	MSKR1_HM 321
YEAR 2040		KMR_2_15 321	MSKR1_HM 322

4-Company East Optimization

YEAR 2011	RATIO	0.00	0.00	0.00	1.00	1.00	0.00
OWNERSHIP RATIO							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		3 APCCO		313		314		315		316		317		318		319	
THERMAL UNIT		SP2_F_15	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	FW_GP_15
		2	3	3	4	4	5	5	1	1	2	2	3	3	3	3	5
YEAR	RATIO																
YEAR 2011	0.00																
YEAR 2012	1.00																
YEAR 2013	1.00																
YEAR 2014	0.00																
YEAR 2015	0.00																
YEAR 2016	0.00																
YEAR 2017	0.00																
YEAR 2018	0.00																
YEAR 2019	0.00																
YEAR 2020	0.00																
YEAR 2021	0.00																
YEAR 2022	0.00																
YEAR 2023	0.00																
YEAR 2024	0.00																
YEAR 2025	0.00																
YEAR 2026	0.00																
YEAR 2027	0.00																
YEAR 2028	0.00																
YEAR 2029	0.00																
YEAR 2030	0.00																
YEAR 2031	0.00																
YEAR 2032	0.00																
YEAR 2033	0.00																
YEAR 2034	0.00																
YEAR 2035	0.00																
YEAR 2036	0.00																
YEAR 2037	0.00																
YEAR 2038	0.00																
YEAR 2039	0.00																
YEAR 2040	0.00																
GENERATING COMPANIES		3 APCCO															
THERMAL UNIT		313 314 315 316 317 318 319															
		TNR_F_HM 1 TNR_F_15 1 TNR_F_HM 2 TNR_F_15 2 TNR_F_HM 3 TNR_F_15 3 TNR_F_HM 3 TNR_F_15 3 FW_GP_15 5															
YEAR 2011	RATIO	0.00 0.00 0.00 0.00 0.00 0.00 0.00															
YEAR 2012																	
YEAR 2013																	
YEAR 2014																	
YEAR 2015																	
YEAR 2016																	
YEAR 2017																	
YEAR 2018																	
YEAR 2019																	
YEAR 2020																	
YEAR 2021																	
YEAR 2022																	
YEAR 2023																	
YEAR 2024																	

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

GENERATING COMPANIES
 THERMAL UNIT

----- YEAR 2011 -----	3 AFCC	320	500	501	502	503	958	959
OWNERSHIP RATIO	RH11s 1	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	
----- YEAR 2012 -----		1	0	0	0	0	958	959
----- YEAR 2013 -----	RATIO	0.00	0.00	0.00	1.00	0.00	0.00	0.00
----- YEAR 2014 -----								
----- YEAR 2015 -----								
----- YEAR 2016 -----								
----- YEAR 2017 -----								
----- YEAR 2018 -----								
----- YEAR 2019 -----								
----- YEAR 2020 -----								
----- YEAR 2021 -----								
----- YEAR 2022 -----								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	3 APCC	320 RH11s 1	500 DUMMY_OP	501 DUMMY_IM	502 DUMMY_AP	503 DUMMY_KP	958 CC_KRCC	959 RP2D_KP
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES
THERMAL UNIT

3 APCC

OWNER	960 RP2D_IM	961 CSV6_SCR	962 CSV5_SCR	963 DUMMY_OP	964 DUMMY_KP	965 RP1D_03	966 RP1D_KP
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							

YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	GENERATING COMPANIES THERMAL UNIT							
				3 APCC	967	968	969	970	971	972	973
				BS2_RGD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMRY_OE	DUMRY_OP	DUMRY_OP	DUMRY_OP
				967	968	969	970	971	972	973	
				967	968	969	970	971	972	973	
OWNERSHIP RATIO	RATIO	RATIO	RATIO	0.00	1.00	1.00	0.00	0.00	0.00	0.00	
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											

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

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP_INPUT.THERMAL UNIT.

GENERATING COMPANIES	3	APCO																		
THERMAL UNIT																				
YEAR 2035																				
YEAR 2036																				
YEAR 2037																				
YEAR 2038																				
YEAR 2039																				
YEAR 2040																				

GENERATING COMPANIES	3	ARCO																		
THERMAL UNIT																				
YEAR 2011																				
YEAR 2012																				
YEAR 2013																				
YEAR 2014																				
YEAR 2015																				
YEAR 2016																				
YEAR 2017																				
YEAR 2018																				
YEAR 2019																				
YEAR 2020																				
YEAR 2021																				
YEAR 2022																				
YEAR 2023																				
YEAR 2024																				
YEAR 2025																				
YEAR 2026																				
YEAR 2027																				
YEAR 2028																				
YEAR 2029																				
YEAR 2030																				
YEAR 2031																				
YEAR 2032																				
YEAR 2033																				
YEAR 2034																				
YEAR 2035																				
YEAR 2036																				
YEAR 2037																				
YEAR 2038																				
YEAR 2039																				
YEAR 2040																				

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

GENERATING COMPANIES	3	APCO																		
THERMAL UNIT																				
YEAR 2011																				
YEAR 2012																				
YEAR 2013																				
YEAR 2014																				
YEAR 2015																				

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		3 APCCO		995		996		997		998		999	
THERMAL UNIT		988	989	990	991	992	993	994	995	996	997	998	999
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		588	588	590	591	592	593	594	595	596	597	598	599

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

GENERATING COMPANIES
THERMAL UNIT

3 APCCO

995	996	997	998	999
DUMMY_OP	T4_TRODA	RP2TR_KP	RP2TR_TM	DUMMY_OP
995	996	997	998	999

GENERATING COMPANIES		3 APCCO		995		996		997		998		999	
OWNERSHIP RATIO		988	989	990	991	992	993	994	995	996	997	998	999
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		588	588	590	591	592	593	594	595	596	597	598	599
YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

4	KPCO	1	AMOS	2	AMOS_OP	3	BRCKJORD	4	BIG SAND	5	BIG SAND	6	CARD 1+2	7
		1	1	2	3	4	6	5	1	2	2	1	1	

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

GENERATING COMPANIES
THERMAL UNIT

4	KPCO	8	CARD 1+2	9	CARD 3	10	CLIFTY 1	11	CLIFTY 2	12	CLIFTY 3	13	CLIFTY 4	14
		2	1	3	1	1	1	2	2	3	4	4	5	5

OWNERSHIP RATIO

YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	4 RPCC	RATIO
YEAR 2011			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		15	16
YEAR 2038	CLIFTY 6	CLINCH R 1	CLINCH R 2
YEAR 2039		CLINCH R 3	CLINCH R 18
YEAR 2040		ROCKP_KP 1	ROCKP_KP 20
		ROCKP_KP 1	ROCKP_KP 2
			CSVL 1-4 3

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		22	23
YEAR 2011	CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6
YEAR 2012		D C COOK 1	D C COOK 1
YEAR 2013		D C COOK 2	D C COOK 2
YEAR 2014		GAVIN 1	GAVIN 1
YEAR 2015		GAVIN 2	GAVIN 2
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		29	30
YEAR 2011	GLEN LYN 5	GLEN LYN 6	0
YEAR 2012		0	0
YEAR 2013		0	0
YEAR 2014		KAMMER 1	KAMMER 2
YEAR 2015		KAMMER 2	KAMMER 3
YEAR 2016			
YEAR 2017			
YEAR 2018			

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

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

YEAR 2011	RATIO	YEAR 2012	RATIO	YEAR 2013	RATIO	YEAR 2014	RATIO	YEAR 2015	RATIO	YEAR 2016	RATIO
-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00
-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00
-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00
-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00
-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

GENERATING COMPANIES THERMAL UNIT	4	KPCO	36	37	38	39	40	41	42
YEAR 2017	---	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---	---

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

43	44	45	46	47	48	49
MITCHELL 1	MITCHELL 2	MOUNTEER 1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4

OWNERSHIP RATIO	RATIO
YEAR 2011	0.00
YEAR 2012	0.00
YEAR 2013	0.00
YEAR 2014	0.00
YEAR 2015	0.00
YEAR 2016	0.00
YEAR 2017	0.00
YEAR 2018	0.00
YEAR 2019	0.00
YEAR 2020	0.00
YEAR 2021	0.00
YEAR 2022	0.00
YEAR 2023	0.00
YEAR 2024	0.00
YEAR 2025	0.00
YEAR 2026	0.00
YEAR 2027	0.00
YEAR 2028	0.00
YEAR 2029	0.00
YEAR 2030	0.00

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

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

OWNERSHIP RATIO									
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028		
-----	-----	-----	-----	-----	-----	-----	-----		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO		50		51		52		53		54		55		56	
		MURK	RVR	P	SPORN	P	SPORN	P	SPORN	P	SPORN	P	SPORN	P	SPORN	P	PICWAY
YEAR 2029	-----	5		1		2		3		4		5					
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

GENERATING COMPANIES THERMAL UNIT		4 KPCO		57		58		59		60		61		62		63	
		RPRRT	IM	RPRUN	IM	ROCKP	IM			STUART		STUART		STUART		STUART	
YEAR 2011	-----	1		1		2		0		1		2		3			
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																
YEAR 2019	-----																
YEAR 2020	-----																
YEAR 2021	-----																
YEAR 2022	-----																
YEAR 2023	-----																
YEAR 2024	-----																
YEAR 2025	-----																
YEAR 2026	-----																
YEAR 2027	-----																
YEAR 2028	-----																
YEAR 2029	-----																
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

GENERATING COMPANIES THERMAL UNIT		4 KPCO		64		65		66		67		68		69		70	
		STUART		AMOS	AP	TANN	1-3	TANN	1-3	TANN	1-3	TANN	1-3	TANN	4	ZIMMER	1
YEAR 2011	-----	4		3		1		2		3		4		4		1	
YEAR 2012	-----																
YEAR 2013	-----																
YEAR 2014	-----																
YEAR 2015	-----																
YEAR 2016	-----																
YEAR 2017	-----																
YEAR 2018	-----																
YEAR 2019	-----																
YEAR 2020	-----																
YEAR 2021	-----																
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YEAR 2026	-----																
YEAR 2027	-----																
YEAR 2028	-----																
YEAR 2029	-----																
YEAR 2030	-----																
YEAR 2031	-----																
YEAR 2032	-----																
YEAR 2033	-----																
YEAR 2034	-----																
YEAR 2035	-----																
YEAR 2036	-----																
YEAR 2037	-----																
YEAR 2038	-----																
YEAR 2039	-----																
YEAR 2040	-----																

4-Company East Optimization

YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00
OWNERSHIP RATIO						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KRCC									
THERMAL UNIT		71	72	73	75	76	77	78			
		ROBTMONE	ROBTMONE	ROBTMONE	CEREDO	CEREDO	CEREDO	CEREDO			
		1	2	3	1	2	3	4			
YEAR	RATIO										
YEAR 2011	0.00										
YEAR 2012	0.00										
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
GENERATING COMPANIES											
THERMAL UNIT		4 KRCC									
		79	80	81	82	83	84	85			
		CEREDO	CEREDO	DARBY	DARBY	DARBY	DARBY	DARBY			
		5	6	1	2	3	4	5			
YEAR	RATIO										
YEAR 2011	0.00										
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											

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

GENERATING COMPANIES
 THERMAL UNIT

4 KRCCO

86 DAREY 6
 87 LMBG WIN 1
 88 LMBG WIN 2
 89 LMBG SMR 1
 90 LMBG 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
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KRCCO		86		87		88		89		90		91		92	
THERMAL UNIT		DARBY	6	IMBG WIN	1	IMBG WIN	2	IMBG SMR	1	IMBG SMR	2	WATR CC	1	WATR2	1		
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2037	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2038	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2039	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

GENERATING COMPANIES		4 KRCCO		93		94		95		96		97		101		102	
THERMAL UNIT		DRESDEN	1	DRESD2	1	0	0	0	0	NUCLEAR	1	OPC_NCCS	1				
---	YEAR 2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2027	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2028	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2029	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2030	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2032	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2034	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2035	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	YEAR 2036	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		THERMAL UNIT	
YEAR 2035	PC_UL_SU 103	UPC_RCCS 104	IGC_NCCS 105
YEAR 2036			IGCC GE 106
YEAR 2037			IGC_RCCS 107
YEAR 2038			CC 2X1FB 108
YEAR 2039			CC 2X1FA 109
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		THERMAL UNIT	
YEAR 2011	CC 1X17H 110	BS2_CC 111	CT_GE7FA 114
YEAR 2012			CT_GE7ER 115
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			
YEAR 2018			
YEAR 2019			
YEAR 2020			
YEAR 2021			
YEAR 2022			
YEAR 2023			
YEAR 2024			
YEAR 2025			
YEAR 2026			
YEAR 2027			
YEAR 2028			
YEAR 2029			
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		THERMAL UNIT	
YEAR 2011	BS1_FGD 125	CSV5_SCR 126	CSV6_SCR 127
YEAR 2012			CR1_NGCC 129
YEAR 2013			CR2_NGCC 130
YEAR 2014			MR5_NGCC 131
YEAR 2015			MR5_FGD 132

OWNERSHIP RATIO		RATIO	
YEAR 2011	1.00	0.00	0.00
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			

-----	YEAR 2016	-----														
-----	YEAR 2017	-----														
-----	YEAR 2018	-----														
-----	YEAR 2019	-----														
-----	YEAR 2020	-----														
-----	YEAR 2021	-----														
-----	YEAR 2022	-----														
-----	YEAR 2023	-----														
-----	YEAR 2024	-----														
-----	YEAR 2025	-----														
-----	YEAR 2026	-----														
-----	YEAR 2027	-----														
-----	YEAR 2028	-----														
-----	YEAR 2029	-----														
-----	YEAR 2030	-----														
-----	YEAR 2031	-----														
-----	YEAR 2032	-----														
-----	YEAR 2033	-----														
-----	YEAR 2034	-----														
-----	YEAR 2035	-----														
-----	YEAR 2036	-----														
-----	YEAR 2037	-----														
-----	YEAR 2038	-----														
-----	YEAR 2039	-----														
-----	YEAR 2040	-----														
	GENERATING COMPANIES		4	KPCO												
	THERMAL UNIT															
			RPID_TM	133	RP2D_TM	134	TAN4_FGD	135	RPID_KP	136	RP2D_KP	137	TC4_ESP	144	A390% AP	145
			1		2	4		1	1	2		4		3		
-----	OWNERSHIP RATIO	-----	RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00						
-----	YEAR 2011	-----														
-----	YEAR 2012	-----														
-----	YEAR 2013	-----														

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCC									
THERMAL UNIT		RP1D_1M	RP2D_1M	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A390%_AP			
YEAR 2014		133	134	135	136	137	144	145			
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
GENERATING COMPANIES		4 KPCC									
THERMAL UNIT		A390%_OP	MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	CVZ_90%	MTN_18%			
YEAR 2011		146	147	148	149	150	151	153			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
OWNERSHIP RATIO		RATIO									
YEAR 2011		0.00	0.00	0.00	0.00	0.00	0.00	0.00			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	4 KPCO	169 PC_UL_AP 1	170 NUKE_AP 1	171 IGCC IM 1	172 PC_UL_IM 1	173 NUKE_IM 1	174 IGCC KP 1	175 PC_UL_KP 1
YEAR 2011	OWNERSHIP RATIO								
YEAR 2012		RATIO	0.00	0.00	0.00	0.00	0.00	1.00	1.00
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

YEAR 2038	4 KPCC	169	170	171	172	173	174	175
PC_UL_AP	NUKE_AP	IGCC_IM	PC_UL_IM	NUKE_IM	IGCC_KP	PC_UL_KP		
1	1	1	1	1	1	1		

GENERATING COMPANIES
THERMAL UNIT

YEAR 2039	4 KPCC	176	177	178	179	181	182	183
NUKE_KP	IGCC_OH	PC_UL_OH	NUKE_OH	RP1D_03	RP1D_04	RP1D_08		
1	1	1	1	1	1	1		

OWNERSHIP RATIO

YEAR 2011	RATIO	1.00	0.00	0.00	0.00	0.00	0.00	0.00
-----------	-------	------	------	------	------	------	------	------

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

GENERATING COMPANIES
THERMAL UNIT

4 KPCC	184	186	187	188	189	190	191
RP1D_20	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_TRONA	T4_TRCCR	
1	1	2	1	2	4	4	

OWNERSHIP RATIO

YEAR 2011	RATIO	0.00	0.00	0.00	1.00	1.00	0.00	0.00
-----------	-------	------	------	------	------	------	------	------

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO									
THERMAL UNIT		MR_STRK1	MR_STRK2	AMS3_SI	BS2_SI	MR5_CF	MR5_SI	RPT1_CF			
YEAR 2017	-----	1	1	3	2	5	5	1			
YEAR 2018	-----										
YEAR 2019	-----										
YEAR 2020	-----										
YEAR 2021	-----										
YEAR 2022	-----										
YEAR 2023	-----										
YEAR 2024	-----										
YEAR 2025	-----										
YEAR 2026	-----										
YEAR 2027	-----										
YEAR 2028	-----										
YEAR 2029	-----										
YEAR 2030	-----										
YEAR 2031	-----										
YEAR 2032	-----										
YEAR 2033	-----										
YEAR 2034	-----										
YEAR 2035	-----										
YEAR 2036	-----										
YEAR 2037	-----										
YEAR 2038	-----										
YEAR 2039	-----										
YEAR 2040	-----										

GENERATING COMPANIES
THERMAL UNIT

4 KPCO

YEAR 2011	233	234	235	251	252	253	254
RPT2_CF	RPT1_SI	RPT2_SI	DC1_HPT	DC1_IS	DC1_BFF	DC1_I17	
2	1	2	1	1	1	1	1

OWNERSHIP RATIO	RATIO						
YEAR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012	-----						
YEAR 2013	-----						
YEAR 2014	-----						
YEAR 2015	-----						
YEAR 2016	-----						
YEAR 2017	-----						
YEAR 2018	-----						
YEAR 2019	-----						
YEAR 2020	-----						
YEAR 2021	-----						
YEAR 2022	-----						
YEAR 2023	-----						
YEAR 2024	-----						
YEAR 2025	-----						
YEAR 2026	-----						
YEAR 2027	-----						
YEAR 2028	-----						
YEAR 2029	-----						
YEAR 2030	-----						

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

GENERATING COMPANIES
THERMAL UNIT

MEMBERSHIP RATIO	4 KPCO	DC1_3800 255 1	DC2_HP1 257 2	DC2_EFF 258 2	DC2_SF0 259 2	DC2_3800 260 2	BIGSD_1S 269 1	BIGSD_GP 270 1
-----	YEAR 2011	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2012	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2013	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2014	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2015	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2016	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2017	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2018	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2019	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2020	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2021	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2022	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2023	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2024	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2025	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2026	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2027	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2028	-----	-----	-----	-----	-----	-----	-----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		DC1_3800	DC2_HPT
YEAR 2029	255	257	258
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		DC2_BFF	DC2_SPU
YEAR 2029	258	259	260
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		DC2_3800	BIGSD_15
YEAR 2029	260	269	270
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		DC1_Q_HM	DC2_Q_HM
YEAR 2029	271	272	273
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		DC2_Q_HM	DC1_Q_HM
YEAR 2029	274	275	276
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		DC1_Q_HM	DC2_Q_HM
YEAR 2029	277	278	279
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		CVL_3_10	GIN_5_HM
YEAR 2029	278	279	280
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		GIN_5_15	GIN_6_HM
YEAR 2029	281	282	283
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

GENERATING COMPANIES		4 KPCO	
THERMAL UNIT		KMR_F_HM	KMR_F_GP
YEAR 2029	284	285	286
YEAR 2030			
YEAR 2031			
YEAR 2032			
YEAR 2033			
YEAR 2034			
YEAR 2035			
YEAR 2036			
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			

4-Company East Optimization

YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
OWNERSHIP RATIO							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		4 KPCO		285		286		287		288		289		290		291	
YEAR	RATIO	KMR_F_HM 2	KMR_F_GP 2	KMR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	YEAR	RATIO	KMR_F_HM 2	KMR_F_GP 2	KMR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2
YEAR 2011	0.00								YEAR 2012	0.00							
YEAR 2012									YEAR 2013								
YEAR 2013									YEAR 2014								
YEAR 2014									YEAR 2015								
YEAR 2015									YEAR 2016								
YEAR 2016									YEAR 2017								
YEAR 2017									YEAR 2018								
YEAR 2018									YEAR 2019								
YEAR 2019									YEAR 2020								
YEAR 2020									YEAR 2021								
YEAR 2021									YEAR 2022								
YEAR 2022									YEAR 2023								
YEAR 2023									YEAR 2024								
YEAR 2024									YEAR 2025								
									YEAR 2026								
									YEAR 2027								
									YEAR 2028								
									YEAR 2029								
									YEAR 2030								
									YEAR 2031								
									YEAR 2032								
									YEAR 2033								
									YEAR 2034								
									YEAR 2035								
									YEAR 2036								
									YEAR 2037								
									YEAR 2038								
									YEAR 2039								
									YEAR 2040								
GENERATING COMPANIES THERMAL UNIT		4 KPCO		292		293		294		295		296		297		298	
YEAR 2011	0.00	KWA_2_15 2	MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2	MSKR2_12 2	MSKR3_GP 3	MR3HM_12 3	YEAR 2012	0.00							
YEAR 2012									YEAR 2013								
YEAR 2013									YEAR 2014								
YEAR 2014									YEAR 2015								
YEAR 2015									YEAR 2016								
YEAR 2016									YEAR 2017								
YEAR 2017									YEAR 2018								
YEAR 2018									YEAR 2019								
YEAR 2019									YEAR 2020								
YEAR 2020									YEAR 2021								
YEAR 2021									YEAR 2022								
YEAR 2022									YEAR 2023								
YEAR 2023									YEAR 2024								
YEAR 2024																	

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

GENERATING COMPANIES
 THERMAL UNIT

4 KPCO

YEAR	MSR4_GP_4	M4HM_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_2
YEAR 2011	299	300	301	302	303	304	305
OWNERSHIP RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	4 KRCC	MSKR4_GP 4	M4HM_12 4	PIGWY_HM 5	PIGWY_GP 5	SP1_F_HM 1	SP1_F_15 1	SP2_F_HM 2
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES
THERMAL UNIT

4 KRCC	306	307	308	309	310	311	312
SP2_F_15 2	SP3_Q_HM 3	SP3_Q_15 3	SP4_Q_HM 4	SP4_Q_15 4	SP5_HM 5	SP5_15 5	

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							

YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	GENERATING COMPANIES THERMAL UNIT	4 KPCC	RATIO	OWNERHIP RATIO
-----	-----	-----	-----		313 TNR_F_HM 1	0.00	-----
-----	-----	-----	-----		314 TNR_F_15 1	0.00	-----
-----	-----	-----	-----		315 TNR_F_HM 2	0.00	-----
-----	-----	-----	-----		316 TNR_F_15 2	0.00	-----
-----	-----	-----	-----		317 TNR_F_HM 3	0.00	-----
-----	-----	-----	-----		318 TNR_F_15 3	0.00	-----
-----	-----	-----	-----		319 PW_GP_15 5	0.00	-----
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026
-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034
-----	-----	-----	-----	-----	-----	-----	-----

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		313	314	315	316	317	318	319			
		TNR_F_HM 1	TNR_F_15 1	TNR_F_HM 2	TNR_F_15 2	TNR_F_HM 3	TNR_F_15 3	PM_GP_15 5			
---	YEAR 2035	---	---	---	---	---	---	---			
---	YEAR 2036	---	---	---	---	---	---	---			
---	YEAR 2037	---	---	---	---	---	---	---			
---	YEAR 2038	---	---	---	---	---	---	---			
---	YEAR 2039	---	---	---	---	---	---	---			
---	YEAR 2040	---	---	---	---	---	---	---			

GENERATING COMPANIES		4 KPCO									
THERMAL UNIT		320	500	501	502	503	958	959			
		RHills 1	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	CC_KPCO 958	RP2D_KP 959			
---	YEAR 2011	---	---	---	---	---	---	---			
---	OWNERSHIP RATIO	---	---	---	---	---	---	---			
---	YEAR 2012	---	---	---	---	---	---	---			
---	YEAR 2013	---	---	---	---	---	---	---			
---	YEAR 2014	---	---	---	---	---	---	---			
---	YEAR 2015	---	---	---	---	---	---	---			
---	YEAR 2016	---	---	---	---	---	---	---			
---	YEAR 2017	---	---	---	---	---	---	---			
---	YEAR 2018	---	---	---	---	---	---	---			
---	YEAR 2019	---	---	---	---	---	---	---			
---	YEAR 2020	---	---	---	---	---	---	---			
---	YEAR 2021	---	---	---	---	---	---	---			
---	YEAR 2022	---	---	---	---	---	---	---			
---	YEAR 2023	---	---	---	---	---	---	---			
---	YEAR 2024	---	---	---	---	---	---	---			
---	YEAR 2025	---	---	---	---	---	---	---			
---	YEAR 2026	---	---	---	---	---	---	---			
---	YEAR 2027	---	---	---	---	---	---	---			
---	YEAR 2028	---	---	---	---	---	---	---			
---	YEAR 2029	---	---	---	---	---	---	---			
---	YEAR 2030	---	---	---	---	---	---	---			
---	YEAR 2031	---	---	---	---	---	---	---			
---	YEAR 2032	---	---	---	---	---	---	---			
---	YEAR 2033	---	---	---	---	---	---	---			
---	YEAR 2034	---	---	---	---	---	---	---			
---	YEAR 2035	---	---	---	---	---	---	---			
---	YEAR 2036	---	---	---	---	---	---	---			
---	YEAR 2037	---	---	---	---	---	---	---			
---	YEAR 2038	---	---	---	---	---	---	---			
---	YEAR 2039	---	---	---	---	---	---	---			
---	YEAR 2040	---	---	---	---	---	---	---			

GENERATING COMPANIES		4 KPCO									
THERMAL UNIT		960	961	962	963	964	965	966			
		RP2D_TB 960	CSV6_SCR 961	CSV5_SCR 962	DUMMY_OP 963	DUMMY_OP 964	RP1D_03 965	RP1D_KB 966			
---	YEAR 2011	---	---	---	---	---	---	---			
---	OWNERSHIP RATIO	---	---	---	---	---	---	---			
---	YEAR 2012	---	---	---	---	---	---	---			
---	YEAR 2013	---	---	---	---	---	---	---			
---	YEAR 2014	---	---	---	---	---	---	---			
---	YEAR 2015	---	---	---	---	---	---	---			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		4 KPCO									
THERMAL UNIT		967	968	969	970	971	972	973			
		BS2_FGD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP			
		967	968	969	970	971	972	973			
YEAR 2014	-----										
YEAR 2015	-----										
YEAR 2016	-----										
YEAR 2017	-----										
YEAR 2018	-----										
YEAR 2019	-----										
YEAR 2020	-----										
YEAR 2021	-----										
YEAR 2022	-----										
YEAR 2023	-----										
YEAR 2024	-----										
YEAR 2025	-----										
YEAR 2026	-----										
YEAR 2027	-----										
YEAR 2028	-----										
YEAR 2029	-----										
YEAR 2030	-----										
YEAR 2031	-----										
YEAR 2032	-----										
YEAR 2033	-----										
YEAR 2034	-----										
YEAR 2035	-----										
YEAR 2036	-----										
YEAR 2037	-----										
YEAR 2038	-----										
YEAR 2039	-----										
YEAR 2040	-----										
GENERATING COMPANIES											
THERMAL UNIT											
		4 KPCO									
		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			
OWNERSHIP RATIO		RATIO									
YEAR 2011	-----	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
YEAR 2012	-----										
YEAR 2013	-----										
YEAR 2014	-----										
YEAR 2015	-----										
YEAR 2016	-----										
YEAR 2017	-----										
YEAR 2018	-----										
YEAR 2019	-----										
YEAR 2020	-----										
YEAR 2021	-----										
YEAR 2022	-----										
YEAR 2023	-----										
YEAR 2024	-----										
YEAR 2025	-----										
YEAR 2026	-----										
YEAR 2027	-----										

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

4 KPCO	981	982	983	984	985	986	987
DUMMY_OP	981	982	983	984	985	986	987
981	982	983	984	985	986	987	

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

GENERATING COMPANIES
THERMAL UNIT

4 KPCO	988	989	990	991	992	993	994
DUMMY_OP	988	989	990	991	992	993	994
988	989	990	991	992	993	994	

OWNERSHIP RATIO	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	4 KPCO	995 DUMMY OP 995	996 T4_TRONA 996	997 RP2TR_KP 997	998 RP2TR_IM 998	999 DUMMY OP 999
YEAR 2011	OWNERSHIP RATIO						
YEAR 2012		RATIO	0.00	0.00	1.00	0.00	0.00
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

4 KPCC
995 DUMM_OP T4_TRONA 996 RP2TR_KP 997 RP2TR_IM 998 DUMM_OP 999
995 995 996 997 998 999

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

GENERATING COMPANIES
THERMAL UNIT

7
AMOS 1 AMOS 2 AMOS_OP 3 BECKFORD 4 BIG SAND 5 BIG SAND 6 CARD 1+2 7
1 2 3 6 1 2 1

----- YEAR 2011 ----- RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00
OWNERSHIP RATIO

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

GENERATING COMPANIES
THERMAL UNIT

7
CARD 1+2 8 CARD 3 9 CLIFTY 10 CLIFTY 11 CLIFTY 12 CLIFTY 13 CLIFTY 14
2 3 1 2 3 4 5

----- YEAR 2011 ----- RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00
OWNERSHIP RATIO

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	7	15 CLIFFY 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 2017	---	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---	---

GENERATING COMPANIES
THERMAL UNIT

7	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	---	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---

OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011	---	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---

-----	YEAR 2031	-----								
-----	YEAR 2032	-----								
-----	YEAR 2033	-----								
-----	YEAR 2034	-----								
-----	YEAR 2035	-----								
-----	YEAR 2036	-----								
-----	YEAR 2037	-----								
-----	YEAR 2038	-----								
-----	YEAR 2039	-----								
-----	YEAR 2040	-----								
GENERATING COMPANIES										
	7									
	29									
	GLN LN									
	5									
	30									
	GLN LN									
	6									
	31									
	0									
	32									
	0									
	33									
	KAMMER									
	1									
	34									
	KAMMER									
	2									
	35									
	KAMMER									
	3									
-----	YEAR 2011	-----								
-----	OWNERSHIP RATIO	-----								
-----	YEAR 2012	-----								
-----	YEAR 2013	-----								
-----	YEAR 2014	-----								
-----	YEAR 2015	-----								
-----	YEAR 2016	-----								
-----	YEAR 2017	-----								
-----	YEAR 2018	-----								
-----	YEAR 2019	-----								
-----	YEAR 2020	-----								
-----	YEAR 2021	-----								
-----	YEAR 2022	-----								
-----	YEAR 2023	-----								
-----	YEAR 2024	-----								
-----	YEAR 2025	-----								
-----	YEAR 2026	-----								
-----	YEAR 2027	-----								
-----	YEAR 2028	-----								

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

4-Company East Optimization

YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00
MEMBERSHIP RATIO						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		MUSK RVR					PICWAY				
THERMAL UNIT		50	51	52	53	54	55	56			
		P	P	P	P	P	P	P			
		SPORN	SPORN	SPORN	SPORN	SPORN	SPORN	SPORN			
		5	1	2	3	4	5	5			
YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

GENERATING COMPANIES		RRET_IM			RRON_IM			ROCKP_IM			STUART		
THERMAL UNIT		57	58	59	60	61	62	63					
		1	1	2	0	1	2	3					
		1	1	2	0	1	2	3					
YEAR 2011	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													

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

GENERATING COMPANIES
 THERMAL UNIT

7

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

----- YEAR 2011 ----- RATIO 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

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

GENERATING COMPANIES
THERMAL UNIT

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

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

RATIO

0.00 0.00 0.00 0.00 0.00 0.00 0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	7	103	104	105	106	107	108	109
		PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB	CC 2X1FA
		1	1	1	1	1	1	1
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES								
THERMAL UNIT								
	7	110	111	114	115	119	120	124
		CC 1x17H	BS2_CC	CT_G7FA	CT_G7FA			BS2_FGD
		1	1	1	1	0	0	2
YEAR 2011								
OWNERSHIP RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

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

GENERATING COMPANIES												
THERMAL UNIT												
			7									
		BS1_FGD	125									
		1		CSV5_SCR	126							
				5		CSV6_SCR	127					
						6		CRL_NGCC	129			
								1				
									CR2_NGCC	130		
									2			
										MR5_NGCC	131	
										5		
											MR5_FGD	132
											5	

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

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		7		125		126		127		129		130		131		132												
THERMAL UNIT		BS1_FGD 1		CSV5_SCR 5		CSV6_SCR 6		CRI_NGCC 1		CR2_NGCC 2		MRS_NGCC 5		MRS_FGD 5														
YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040														

GENERATING COMPANIES																												
THERMAL UNIT																												
7																												
OWNERSHIP RATIO																												
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039

4-Company East Optimization

YEAR 2040	7	146	147	148	149	150	151	153
GENERATING COMPANIES THERMAL UNIT		A390*OP 3	MTN_90% 1	RPT1_90% 1	REF2_90% 2	GVL_90% 1	GVZ_90% 2	MTN_18% 1
OWNERSHIP RATIO	RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								

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

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT		QUALIFIER = GAP.INPUT.THERMAL UNIT.												
YEAR 2038	YEAR 2039	YEAR 2040	GENERATING COMPANIES							THERMAL UNIT				
146	147	148	149	150	151	153	154	155	156	157	158	159	160	
A390%OP	MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%	CC_FA_KP	CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_APCO	CC_APCO	
3	1	1	2	1	2	1	1	1	1	1	1	1	1	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	
YEAR 2038	YEAR 2039	YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	
YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	
YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	GENERATING COMPANIES								7	
THERMAL UNIT													7	
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	OWNERSHIP RATIO						0.00
161	162	163	164	165	166	168	161	162	163	164	165	166	168	
CT_KPCO	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC_AP	1	1	1	5	22	23	1	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

169	170	171	172	173	174	175
PC_UL_AP 1	Nuke_AP 1	IGCC IM 1	PC_UL_IM 1	NUKE_IM 1	IGCC KP 1	PC_UL_KP 1

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

GENERATING COMPANIES
THERMAL UNIT

176	177	178	179	181	182	183
NUKE_KP 1	IGCC OH 1	PC_UL_OH 1	NUKE OH 1	RPID_03 1	RPID_04 1	RPID_08 1

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

OWNERSHIP RATIO

0.00 0.00 0.00 0.00 0.00 0.00 0.00

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES
THERMAL UNIT

YEAR 2029	7
YEAR 2030	
YEAR 2031	
YEAR 2032	
YEAR 2033	
YEAR 2034	
YEAR 2035	
YEAR 2036	
YEAR 2037	
YEAR 2038	
YEAR 2039	
YEAR 2040	

RP1D_20	184	RP1TR_IM	186	RP2TR_IM	187	RP1TR_KP	188	RP2TR_KP	189	T4_TRONA	190	T4_TRCCR	191
1		1		2		1		2		4		4	

GENERATING COMPANIES
THERMAL UNIT

7

MR_STR1	223	MR_STR2	224	AMS3_SI	228	BS2_SI	229	MR5_CF	230	MR5_SI	231	RP11_CF	232
1		1		3		2		5		5		1	

OWNERSHIP RATIO

RATIO

YEAR 2011	0.00
YEAR 2012	
YEAR 2013	
YEAR 2014	
YEAR 2015	
YEAR 2016	
YEAR 2017	
YEAR 2018	
YEAR 2019	
YEAR 2020	
YEAR 2021	
YEAR 2022	
YEAR 2023	
YEAR 2024	
YEAR 2025	
YEAR 2026	
YEAR 2027	
YEAR 2028	
YEAR 2029	
YEAR 2030	
YEAR 2031	
YEAR 2032	
YEAR 2033	
YEAR 2034	
YEAR 2035	
YEAR 2036	
YEAR 2037	
YEAR 2038	
YEAR 2039	
YEAR 2040	

GENERATING COMPANIES
THERMAL UNIT

7

RP12_CF	233	RP11_SI	234	RP12_SI	235	DC1_HPT	251	DC1_IS	252	DC1_EPF	253	DC1_I17	254
2		1		2		1		1		1		1	

4-Company East Optimization

YEAR	RATIO	0.00	0.00	0.00	0.00	0.00
YEAR 2011	0.00					
YEAR 2012	0.00					
YEAR 2013	0.00					
YEAR 2014	0.00					
YEAR 2015	0.00					
YEAR 2016	0.00					
YEAR 2017	0.00					
YEAR 2018	0.00					
YEAR 2019	0.00					
YEAR 2020	0.00					
YEAR 2021	0.00					
YEAR 2022	0.00					
YEAR 2023	0.00					
YEAR 2024	0.00					
YEAR 2025	0.00					
YEAR 2026	0.00					
YEAR 2027	0.00					
YEAR 2028	0.00					
YEAR 2029	0.00					
YEAR 2030	0.00					
YEAR 2031	0.00					
YEAR 2032	0.00					
YEAR 2033	0.00					
YEAR 2034	0.00					
YEAR 2035	0.00					
YEAR 2036	0.00					
YEAR 2037	0.00					
YEAR 2038	0.00					
YEAR 2039	0.00					
YEAR 2040	0.00					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		APP EAST											
THERMAL UNIT		GENERATION AND FUEL MODULE											
		INPUT SUMMARY REPORT											
		QUALIFIER = GAF.INPUT.THERMAL UNIT.											
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO	OWNERSHIP RATIO
7	7	7	7	7	7	7	7	7	7	7	7	7	7
DC1_3800 1	DC2_HPT 2	DC2_EFF 2	DC2_SPU 2	DC2_3800 2	BIGSD_15 1	BIGSD_GP 1							
255	257	258	259	260	269	270							
0.00	0.00	0.00	0.00	0.00	0.00	0.00							
GENERATING COMPANIES													
THERMAL UNIT													
7													
CIN_Q_HM 1	CIN_Q_15 1	CIN_Q_HM 2	CIN_Q_15 2	CIN_Q_HM 3	CIN_Q_15 3	CIN_Q_15 3	CIN_Q_15 3	CIN_Q_HM 3	CIN_Q_15 3	CIN_Q_HM 3	CIN_Q_15 3	CIN_Q_HM 3	CIN_Q_15 3
271	272	273	274	275	276	277							
0.00	0.00	0.00	0.00	0.00	0.00	0.00							
OWNERSHIP RATIO													
YEAR 2011													
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

GENERATING COMPANIES THERMAL UNIT	7	278 CVI_3_10_3	279 GLN_5_HM_5	280 GLN_5_15_5	281 GLN_6_HM_6	282 GLN_6_15_6	283 KMR_F_HM_1	284 KMR_F_GP_1
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

GENERATING COMPANIES
THERMAL UNIT

7

OWNERSHIP RATIO	RATIO	285 KMR_F_HM_2	286 KMR_F_GP_2	287 KMR_F_HM_3	288 KMR_F_GP_3	289 KWA_1_HM_1	290 KWA_1_15_1	291 KWA_2_HM_2
YEAR 2011	0.00							
YEAR 2012	0.00							
YEAR 2013	0.00							
YEAR 2014	0.00							
YEAR 2015	0.00							
YEAR 2016	0.00							
YEAR 2017	0.00							
YEAR 2018	0.00							
YEAR 2019	0.00							
YEAR 2020	0.00							
YEAR 2021	0.00							
YEAR 2022	0.00							
YEAR 2023	0.00							
YEAR 2024	0.00							
YEAR 2025	0.00							
YEAR 2026	0.00							
YEAR 2027	0.00							
YEAR 2028	0.00							
YEAR 2029	0.00							
YEAR 2030	0.00							
YEAR 2031	0.00							
YEAR 2032	0.00							
YEAR 2033	0.00							
YEAR 2034	0.00							
YEAR 2035	0.00							
YEAR 2036	0.00							

-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							
	GENERATING COMPANIES		7						
	THEMAL UNIT								
-----	YEAR 2011	-----							
-----	OWNSHIP RATIO	-----	RATIO						
-----	YEAR 2012	-----		0.00					
-----	YEAR 2013	-----			0.00				
-----	YEAR 2014	-----				0.00			
-----	YEAR 2015	-----					0.00		
-----	YEAR 2016	-----						0.00	
-----	YEAR 2017	-----							0.00
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

ABE EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		THERMAL UNIT													
		292		293		294		295		296		297		298	
		KWA_2_15	MSKR1_HM	MSKR1_12	MSKR2_HM	MSKR2_12	MSKR3_GP	MR3HM_12							
YEAR 2035															
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															

GENERATING COMPANIES		THERMAL UNIT													
		299		300		301		302		303		304		305	
		MSKR4_GP	MAHM_12	PICWY_HM	PICWY_GP	SP1_F_HM	SP1_F_15	SP2_F_HM							
YEAR 2011															
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															
YEAR 2024															
YEAR 2025															
YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
YEAR 2030															
YEAR 2031															
YEAR 2032															
YEAR 2033															
YEAR 2034															
YEAR 2035															
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															

GENERATING COMPANIES		THERMAL UNIT													
		306		307		308		309		310		311		312	
		SP2_F_15	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15							
YEAR 2011															
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		QUALIFIER = GAF.INPUT.THERMAL UNIT.						
THERMAL UNIT		313	314	315	316	317	318	319
		TNR_F_HM 1	TNR_F_IS 1	TNR_F_HM 2	TNR_F_IS 2	TNR_F_HM 3	TNR_F_IS 3	FW_GP_IS 5
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
GENERATING COMPANIES		7						
THERMAL UNIT		320	500	501	502	503	958	959
		RHLLS_1 1	DUMMY_OP 0	DUMMY_IM 0	DUMMY_AP 0	DUMMY_KP 0	CC_KPCO 958	FP2D_KP 959
OWNERSHIP RATIO		RATIO						
YEAR 2011		1.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES		THERMAL UNIT													
		7													
YEAR	RATIO	960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2026		RP2D_IM	CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP	BS2_FGD	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2027		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2028		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2029		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2030		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2031		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2032		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2033		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2034		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2035		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2036		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2037		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2038		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2039		960	961	962	963	964	965	966	967	968	969	970	971	972	973
YEAR 2040		960	961	962	963	964	965	966	967	968	969	970	971	972	973
GENERATING COMPANIES															
THERMAL UNIT															
7															
OWNERSHIP RATIO															
YEAR 2011															
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															
YEAR 2024															
YEAR 2025															
YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
YEAR 2030															
YEAR 2031															
YEAR 2032															
YEAR 2033															
YEAR 2034															
YEAR 2035															
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2039															

YEAR 2040	GENERATING COMPANIES THERMAL UNIT	7	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	OWNERSHIP RATIO								
YEAR 2012		RATIO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAF.INPUT.THERMAL UNIT.

GENERATING COMPANIES	7								
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 2038									
YEAR 2039									
YEAR 2040									
GENERATING COMPANIES	7								
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	
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	
		981	982	983	984	985	986	987	

OWNERSHIP RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

GENERATING COMPANIES 7

THERMAL UNIT 988 989 990 991 992 993 994

OWNERSHIP RATIO		0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								

-----	YEAR 2019	-----						
-----	YEAR 2020	-----						
-----	YEAR 2021	-----						
-----	YEAR 2022	-----						
-----	YEAR 2023	-----						
-----	YEAR 2024	-----						
-----	YEAR 2025	-----						
-----	YEAR 2026	-----						
-----	YEAR 2027	-----						
-----	YEAR 2028	-----						
-----	YEAR 2029	-----						
-----	YEAR 2030	-----						
-----	YEAR 2031	-----						
-----	YEAR 2032	-----						
-----	YEAR 2033	-----						
-----	YEAR 2034	-----						
-----	YEAR 2035	-----						
-----	YEAR 2036	-----						
-----	YEAR 2037	-----						
-----	YEAR 2038	-----						
-----	YEAR 2039	-----						
-----	YEAR 2040	-----						
GENERATING COMPANIES								
THERMAL UNIT								
			7					
-----	YEAR 2011	-----		995				
OWMERSHIP RATIO				DUMMY OP	T4_TROVA	RP2TR_KP	RP2TR_IM	DUMMY OP
-----	YEAR 2012	-----		995	996	997	998	999
-----	YEAR 2013	-----			996	997	998	999
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
-----	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.

GENERATING COMPANIES THERMAL UNIT	7	995 DUMMY_OP 995	996 T4_TRONA 996	997 RP2TR_KP 997	998 RP2TR_IM 998	999 DUMMY_OP 999
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 1 JANUARY													
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0

THERMAL UNIT	SEASON 1 JANUARY													
SEASONAL HEAT RATE PROFILE	CARD 1+2 8	CARD 3 9	CLIFFY 1 10	CLIFFY 2 11	CLIFFY 3 12	CLIFFY 4 13	CLIFFY 5 14	CARD 1+2 8	CARD 3 9	CLIFFY 1 10	CLIFFY 2 11	CLIFFY 3 12	CLIFFY 4 13	CLIFFY 5 14
YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 1 JANUARY -----

SEASONAL HEAT RATE PROFILE	CLIFFY 15 6	CLINCH R 15 1	CLINCH R 17 2	CLINCH R 18 3	ROCKE_KP 19 1	ROCKE_KP 20 2	CSVL 1-4 21 3
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	HEAT RATE PROFILE	SEASON	1	JANUARY	29	30	33	34	35	36	37
YEAR	HEAT RATE PROFILE	SEASON	1	JANUARY	GLEN LIN 5	GLEN LIN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
YEAR 2037					0	0	0	0	0	0	0
YEAR 2038											
YEAR 2039											
YEAR 2040											
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	1	JANUARY	29	30	33	34	35	36	37
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON	1	JANUARY	38	39	40	41	42	43	44
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON	1	JANUARY	45	46	47	48	49	50	51
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON	1	JANUARY	45	46	47	48	49	50	51
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									

SEASON	1	JANUARY	45	46	47	48	49	50	51
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									

1195

SEASONAL HEAT RATE PROFILE	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

THERMAL UNIT	SEASON 1	JANUARY	SPORN	SPORN	SPORN	SPORN	PICWAY	RPRET_IM	RPRUN_IM
YEAR 2011	52	53	54	55	56	57	58	1	1
SEASONAL HEAT RATE PROFILE	2	3	4	5	5	1	1	1	1
YEAR 2012	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 1	JANUARY	52	53	54	55	56	57	58
	P SPORN	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRFT_IM	RPRUN_IM	
	2	3	4	5	5	5	1	1	
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT	SEASON 1	JANUARY	59	61	62	63	64	65	66
	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN 1-3	
	2	1	2	3	4	3	3	1	
SEASONAL HEAT RATE PROFILE									
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									

YEAR	HEAT RATE	PROFITE	SEASON	UNIT
YEAR 2027			1	JANUARY
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

YEAR 2011			67	TANN 1-3
YEAR 2012			2	TANN 1-3
YEAR 2013			3	TANN 1-3
YEAR 2014			4	TANN 4
YEAR 2015				ZIMMER
YEAR 2016			1	ZIMMER
YEAR 2017				ROBTMONE
YEAR 2018			1	ROBTMONE
YEAR 2019			2	ROBTMONE
YEAR 2020			3	ROBTMONE
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

YEAR 2039	YEAR 2040	SEASON 1	JANUARY	82	83	84	85	86	87	88
THERMAL UNIT		DARBY		DARBY	DARBY	DARBY	DARBY	DARBY	LMBG WIN	LMBG WIN
SEASONAL HEAT RATE PROFILE		2	3	4	5	6	1	2		
YEAR 2011										
YEAR 2012		0	0	0	0	0	0	0	0	0
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE																							
YEAR 2011																							
YEAR 2012																							
YEAR 2013																							
YEAR 2014																							
YEAR 2015																							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2011	134	135	136	137	144	145	146				
SEASONAL HEAT RATE PROFILE	RP2D_IW 2	TAM4_FGD 4	RP1D_KP 1	RP2D_KP 2	TC4_ESTP 4	A3908_AE 3	A3908OP 3				
YEAR 2012	0	0	0	0	0	0	0				
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.

4-Company East Optimization

SEASON	YEAR	HEAT RATE PROFILE	CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_APCO	CC_APCO	CT_KPCCO
1	2011	-----	155	156	157	158	159	160	161
1	2012	-----	0	0	0	0	0	0	0
1	2013	-----							
1	2014	-----							
1	2015	-----							
1	2016	-----							
1	2017	-----							
1	2018	-----							
1	2019	-----							
1	2020	-----							
1	2021	-----							
1	2022	-----							
1	2023	-----							
1	2024	-----							
1	2025	-----							
1	2026	-----							
1	2027	-----							
1	2028	-----							
1	2029	-----							
1	2030	-----							
1	2031	-----							
1	2032	-----							
1	2033	-----							
1	2034	-----							
1	2035	-----							
1	2036	-----							
1	2037	-----							
1	2038	-----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 1 JANUARY -----

SEASONAL HEAT RATE PROFILE	IGCC OH	PC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20
YEAR 2011	177	178	179	181	182	183	184
YEAR 2012	1	1	1	1	1	1	1
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 1	JANUARY	177 IGCC OH 1	178 FC_UP_OH 1	179 NUKE OH 1	181 RPID_03 1	182 RPID_04 1	183 RPID_08 1	184 RPID_20 1
--------------	----------	---------	---------------------	----------------------	---------------------	---------------------	---------------------	---------------------	---------------------

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 1	JANUARY	186 RP1TR_IM 1	187 RP2TR_IM 2	188 RP1TR_KP 1	189 RP2TR_KP 2	190 T4_TROWN 4	191 T4_TRCCR 4	223 MR_STKR1 1
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----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----

YEAR	MR_STKR2	AMS3_ST	BS2_ST	MRS_CF	MRS_ST	RPT1_CF	RPT2_CF
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

SEASONAL HEAT RATE PROFILE	MR_STKR2	AMS3_ST	BS2_ST	MRS_CF	MRS_ST	RPT1_CF	RPT2_CF
YEAR 2011	1	3	2	5	5	1	2
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT

THERMAL UNIT	SEASON	1	JANUARY	MR_STKR2	AMS3_SI	BS2_SI	MRS_CF	MRS_SI	RPT1_CF	RPT2_CF
YEAR 2030				1	3	2	5	5	1	2
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT SEASON 1 JANUARY

RPT1_SI	RPT2_SI	DC1_HPF	DC1_IS	DC1_EFF	DC1_I7	DC1_3800
234	235	251	252	253	254	255
1	2	1	1	1	1	1

YEAR	SEASONAL HEAT RATE PROFILE
YEAR 2011	0
YEAR 2012	0
YEAR 2013	0
YEAR 2014	0
YEAR 2015	0
YEAR 2016	0
YEAR 2017	0
YEAR 2018	0
YEAR 2019	0
YEAR 2020	0
YEAR 2021	0
YEAR 2022	0
YEAR 2023	0
YEAR 2024	0
YEAR 2025	0
YEAR 2026	0
YEAR 2027	0
YEAR 2028	0
YEAR 2029	0
YEAR 2030	0
YEAR 2031	0
YEAR 2032	0
YEAR 2033	0
YEAR 2034	0
YEAR 2035	0
YEAR 2036	0
YEAR 2037	0
YEAR 2038	0
YEAR 2039	0
YEAR 2040	0

THERMAL UNIT	SEASON	1	JANUARY	DC2_HPF	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_I5	BIGSD_GP	CIN_Q_HM
257				258	259	260	269	270	271	
2				2	2	2	1	1	1	

4-Company East Optimization

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

 THERMAL UNIT SEASON 1 JANUARY -----

	KWR_F_GP	286	KWR_F_HM	287	KWR_F_GP	288	KWA_1_HM	289	KWA_1_LS	290	KWA_2_HM	291	KWA_2_LS	292
	2		3		3		1		1		2		2	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THEMAL UNIT	SEASON	1	JANUARY	286	287	288	289	290	291	292
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THEMAL UNIT	SEASON	1	JANUARY	293	294	295	296	297	298	299
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										

THEMAL UNIT	SEASON	1	JANUARY	293	294	295	296	297	298	299
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										

THEMAL UNIT	SEASON	1	JANUARY	293	294	295	296	297	298	299
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										

THEMAL UNIT	SEASON	1	JANUARY	293	294	295	296	297	298	299
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										

YEAR	2037	2038	2039	2040
YEAR 2011	0	0	0	0
YEAR 2012	0	0	0	0
YEAR 2013	0	0	0	0
YEAR 2014	0	0	0	0
YEAR 2015	0	0	0	0
YEAR 2016	0	0	0	0
YEAR 2017	0	0	0	0
YEAR 2018	0	0	0	0
YEAR 2019	0	0	0	0
YEAR 2020	0	0	0	0
YEAR 2021	0	0	0	0
YEAR 2022	0	0	0	0
YEAR 2023	0	0	0	0
YEAR 2024	0	0	0	0
YEAR 2025	0	0	0	0
YEAR 2026	0	0	0	0
YEAR 2027	0	0	0	0
YEAR 2028	0	0	0	0
YEAR 2029	0	0	0	0
YEAR 2030	0	0	0	0
YEAR 2031	0	0	0	0
YEAR 2032	0	0	0	0
YEAR 2033	0	0	0	0
YEAR 2034	0	0	0	0

SEASON 1 JANUARY

MAHM_12 300
4
PICWY_HM 301 5
PICWY_GP 302 5
SP1_F_HM 303 1
SP1_F_15 304 1
SP2_F_HM 305 2
SP2_F_15 306 2

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 1		JANUARY	
YEAR 2035	300	301	302	303	304
YEAR 2036	M4HM_12	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_15_1
YEAR 2037					SP2_F_HM_2
YEAR 2038					SP2_F_15_2
YEAR 2039					
YEAR 2040					

THERMAL UNIT		SEASON 1		JANUARY	
YEAR 2011	307	308	309	310	311
YEAR 2012	SP3_Q_HM_3	SP3_Q_15_3	SP4_Q_HM_4	SP4_Q_15_4	SP5_HM_5
YEAR 2013					SP5_15_5
YEAR 2014					TNR_F_HM_1
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT		SEASON 1		JANUARY	
YEAR 2011	314	315	316	317	318
YEAR 2012	TNR_F_15_1	TNR_F_HM_2	TNR_F_15_2	TNR_F_HM_3	TNR_F_15_3
YEAR 2013					PW_GP_15_5
YEAR 2014					RH11Ls_1
YEAR 2015					

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THEMAL UNIT	SEASON	1	JANUARY	-----	-----	-----	-----	-----	-----	
				500	501	502	503	958	959	960
				DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM
				0	0	0	0	958	959	960
SEASONAL HEAT RATE PROFILE				0	0	0	0	0	0	0
YEAR 2011				0	0	0	0	0	0	0
YEAR 2012				0	0	0	0	0	0	0
YEAR 2013				0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 1	JANUARY	500 DUMMY_OP 0	501 DUMMY_IM 0	502 DUMMY_AP 0	503 DUMMY_KP 0	958 CC_KPCO 958	959 RP2D_KP 959	960 RP2D_IM 960
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT SEASON 1 JANUARY									
SEASONAL HEAT RATE PROFILE			961 CSV6_SCR _961	962 CSV5_SCR _962	963 DUMMY_OP 963	964 DUMMY_OP 964	965 RP1D_03 _965	966 RP1D_KP _966	967 BS2_FGD 967
YEAR 2011		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	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	968	969	970	971	972	973	974						
YEAR 2012	968	969	970	971	972	973	974						
YEAR 2013													
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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THermal UNIT	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY
YEAR 2026	CR2_NGCC	968	CRI_NGCC	969	MRS_NGCC	970	DUMMY_OP	971	DUMMY_OP	972	DUMMY_OP	973
YEAR 2027												974
YEAR 2028												
YEAR 2029												
YEAR 2030												
YEAR 2031												
YEAR 2032												
YEAR 2033												
YEAR 2034												
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												

THermal UNIT	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY	SEASON 1	JANUARY
YEAR 2011	DUMMY_OP	975	DUMMY_OP	976	DUMMY_OP	977	DUMMY_OP	978	DUMMY_OP	979	DUMMY_OP	980
YEAR 2012		0		0		0		0		0		0
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
YEAR 2029												
YEAR 2030												
YEAR 2031												
YEAR 2032												
YEAR 2033												
YEAR 2034												
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												

SEASONAL HEAT RATE PROFILE												
YEAR 2011												
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
YEAR 2029												
YEAR 2030												
YEAR 2031												
YEAR 2032												
YEAR 2033												
YEAR 2034												
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												

4-Company East Optimization

YEAR 2040	SEASON 1	JANUARY	982	983	984	985	986	987	988
SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019
	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019
	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028
	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037

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	SEASON 1 JANUARY									
YEAR 2038	982	983	984	985	986	987	988			
YEAR 2039	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987	DUMMY_OP 988			
YEAR 2040	0	0	0	0	0	0	0			

THERMAL UNIT	SEASON 1 JANUARY									
YEAR 2011	989	990	991	992	993	994	995			
YEAR 2012	DUMMY_OP 989	DUMMY_OP 990	DUMMY_OP 991	DUMMY_OP 992	DUMMY_OP 993	DUMMY_OP 994	DUMMY_OP 995			
YEAR 2013	0	0	0	0	0	0	0			

THERMAL UNIT	SEASON 1 JANUARY									
YEAR 2014	996	997	998	999						
YEAR 2015	DUMMY_OP 996	DUMMY_OP 997	DUMMY_OP 998	DUMMY_OP 999						
YEAR 2016	0	0	0	0						
YEAR 2017	0	0	0	0						
YEAR 2018	0	0	0	0						
YEAR 2019	0	0	0	0						
YEAR 2020	0	0	0	0						
YEAR 2021	0	0	0	0						
YEAR 2022	0	0	0	0						
YEAR 2023	0	0	0	0						
YEAR 2024	0	0	0	0						
YEAR 2025	0	0	0	0						
YEAR 2026	0	0	0	0						
YEAR 2027	0	0	0	0						
YEAR 2028	0	0	0	0						
YEAR 2029	0	0	0	0						
YEAR 2030	0	0	0	0						
YEAR 2031	0	0	0	0						
YEAR 2032	0	0	0	0						
YEAR 2033	0	0	0	0						
YEAR 2034	0	0	0	0						
YEAR 2035	0	0	0	0						
YEAR 2036	0	0	0	0						
YEAR 2037	0	0	0	0						
YEAR 2038	0	0	0	0						
YEAR 2039	0	0	0	0						
YEAR 2040	0	0	0	0						

THERMAL UNIT	SEASON 1 JANUARY									
YEAR 2011	996	997	998	999						
YEAR 2012	DUMMY_OP 996	DUMMY_OP 997	DUMMY_OP 998	DUMMY_OP 999						
YEAR 2013	0	0	0	0						

SEASONAL HEAT RATE PROFILE	SEASON 1 JANUARY									
YEAR 2011	0	0	0	0						
YEAR 2012	0	0	0	0						
YEAR 2013	0	0	0	0						
YEAR 2014	0	0	0	0						
YEAR 2015	0	0	0	0						
YEAR 2016	0	0	0	0						
YEAR 2017	0	0	0	0						
YEAR 2018	0	0	0	0						

THERMAL UNIT	SEASON 1 JANUARY									
YEAR 2011	996	997	998	999						
YEAR 2012	DUMMY_OP 996	DUMMY_OP 997	DUMMY_OP 998	DUMMY_OP 999						
YEAR 2013	0	0	0	0						

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 2 FEBRUARY -----

SEASONAL HEAT RATE PROFILE	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
----- YEAR 2011 -----	1	2	3	4	5	6	7
----- YEAR 2012 -----	0	0	0	0	0	0	0
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	2	FEBRUARY	AMOS 1	AMOS 2	AMOS_OP 3	RECORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
YEAR 2017				1	2	3	4	1	2	1
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT SEASON 2 FEBRUARY

CARD 1+2 8	CARD 3 9	CLIPPY 1 10	CLIPPY 2 11	CLIPPY 3 12	CLIPPY 4 13	CLIPPY 5 14
0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE

YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						

4-Company East Optimization

SEASONAL HEAT RATE PROFILE	5	6	1	2	3	1	2
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019
52	53	54	55	56	57	58		
P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRFT_LM	RPRUN_LM		
2	3	4	5	5	1	1		
0	0	0	0	0	0	0		
-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2020								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON	2	FEBRUARY	59	61	62	63	64	65	66
ROCKP_IM	STUART	STUART	STUART	STUART	AMOS_AP	TANN			
2	1	2	3	4	3	1-3			
YEAR 2021	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0	0	0

SEASON 2 FEBRUARY

ROCKP_IM 59 61 62 63 64 65 66

STUART 2 1 2 3 4 3 1-3

AMOS_AP 3

TANN 1-3 1

YEAR 2011 0 0 0 0 0 0 0

YEAR 2012 0 0 0 0 0 0 0

YEAR 2013 0 0 0 0 0 0 0

YEAR 2014 0 0 0 0 0 0 0

YEAR 2015 0 0 0 0 0 0 0

YEAR 2016 0 0 0 0 0 0 0

YEAR 2017 0 0 0 0 0 0 0

YEAR 2018 0 0 0 0 0 0 0

YEAR 2019 0 0 0 0 0 0 0

YEAR 2020 0 0 0 0 0 0 0

YEAR 2021 0 0 0 0 0 0 0

YEAR 2022 0 0 0 0 0 0 0

YEAR 2023 0 0 0 0 0 0 0

YEAR 2024 0 0 0 0 0 0 0

YEAR 2025 0 0 0 0 0 0 0

YEAR 2026 0 0 0 0 0 0 0

YEAR 2027 0 0 0 0 0 0 0

YEAR 2028 0 0 0 0 0 0 0

YEAR 2029 0 0 0 0 0 0 0

YEAR 2030 0 0 0 0 0 0 0

YEAR 2031 0 0 0 0 0 0 0

YEAR 2032 0 0 0 0 0 0 0

YEAR 2033 0 0 0 0 0 0 0

YEAR 2034 0 0 0 0 0 0 0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 2 FEBRUARY							
YEAR 2033	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTWONE 1	ROBTWONE 1	ROBTWONE 2	ROBTWONE 3
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 2 FEBRUARY							
YEAR 2011	CEREDO 1 75	CEREDO 2 76	CEREDO 3 77	CEREDO 4 78	CEREDO 5 79	CEREDO 6 80	DARBY 1 81	
YEAR 2012	0	0	0	0	0	0	0	0
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 2 FEBRUARY							
YEAR 2011	DARBY 2 82	DARBY 3 83	DARBY 4 84	DARBY 5 85	DARBY 6 86	IMBG WIN 1 87	IMBG WIN 2 88	
YEAR 2012	0	0	0	0	0	0	0	0
YEAR 2013								

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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===== SEASON 2 FEBRUARY =====
THERMAL UNIT          LMBG SMR  LMBG SMR  WATR CC  WATR2  DRESDEN  DRESID2  NUCLEAR
-----
YEAR 2011             89          90          91          92          93          94          101
SEASONAL HEAT RATE PROFILE  1          2          1          1          1          1          1
                                0          0          0          0          0          0          0
    
```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	102	103	104	105	106	107	108
YEAR 2012	89	90	91	92	93	94	101
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

THERMAL UNIT SEASON 2 FEBRUARY

YEAR	102	103	104	105	106	107	108
YEAR 2011	102	103	104	105	106	107	108
YEAR 2012	1	1	1	1	1	1	1
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							

YEAR	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE															
YEAR 2011	0	0	183	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															

THERMAL UNIT SEASON 2 FEBRUARY
 =====
 CC 2x1FA 109 110 111 114 115 124 125
 1 1 1 1 1 2 1

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

----- THERMAL UNIT SEASON 2 FEBRUARY -----

109	110	111	114	115	124	125
CC 2K1FA	CC 1K17H	BS2_CC	CT GE7FA	CT_GBTFA	BS2_FGD	BS1_FGD
1	1	1	1	1	2	1

----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 2 FEBRUARY -----

126	127	129	130	131	132	133
CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RP1D_IM
5	6	1	2	5	5	1

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----

YEAR 2038	YEAR 2039	YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035
			SEASONAL HEAT RATE PROFITE																								
			134	0																							
			RP2D_IM 2																								
			135	0																							
			TANA_FGD 4																								
			136	0																							
			RP1D_KP 1																								
			137	0																							
			RP2D_KP 2																								
			144	0																							
			TC4_ESP 4																								
			145	0																							
			A3908 AP 3																								
			146	0																							
			A3908OP 3																								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 2 FEBRUARY		THERMAL UNIT		SEASON 2 FEBRUARY		THERMAL UNIT		SEASON 2 FEBRUARY	
YEAR	HEAT RATE	REP2_IM	TAN4_FGD	RPID_KP	REP2_KP	TC4_ESP	A390% AP	A390% OP	MTN_90%	RPT1_90%	RPT2_90%
YEAR 2036	-----	134	4	136	2	144	3	146	1	1	2
YEAR 2037	-----										
YEAR 2038	-----										
YEAR 2039	-----										
YEAR 2040	-----										

THERMAL UNIT		SEASON 2 FEBRUARY		THERMAL UNIT		SEASON 2 FEBRUARY		THERMAL UNIT		SEASON 2 FEBRUARY	
YEAR	HEAT RATE	REP2_IM	TAN4_FGD	RPID_KP	REP2_KP	TC4_ESP	A390% AP	A390% OP	MTN_90%	RPT1_90%	RPT2_90%
YEAR 2011	-----	147	1	149	2	151	2	154	1	1	2
YEAR 2012	-----										
YEAR 2013	-----										
YEAR 2014	-----	150	0	150	0	150	0	150	0	0	0
YEAR 2015	-----										
YEAR 2016	-----										
YEAR 2017	-----										
YEAR 2018	-----										
YEAR 2019	-----										
YEAR 2020	-----										
YEAR 2021	-----										
YEAR 2022	-----										
YEAR 2023	-----										
YEAR 2024	-----										
YEAR 2025	-----										
YEAR 2026	-----										
YEAR 2027	-----										
YEAR 2028	-----										
YEAR 2029	-----										
YEAR 2030	-----										
YEAR 2031	-----										
YEAR 2032	-----										
YEAR 2033	-----										
YEAR 2034	-----										
YEAR 2035	-----										
YEAR 2036	-----										
YEAR 2037	-----										
YEAR 2038	-----										
YEAR 2039	-----										
YEAR 2040	-----										

THERMAL UNIT		SEASON 2 FEBRUARY		THERMAL UNIT		SEASON 2 FEBRUARY		THERMAL UNIT		SEASON 2 FEBRUARY	
YEAR	HEAT RATE	REP2_IM	TAN4_FGD	RPID_KP	REP2_KP	TC4_ESP	A390% AP	A390% OP	MTN_90%	RPT1_90%	RPT2_90%
YEAR 2011	-----	155	1	157	1	158	1	161	1	1	1
YEAR 2012	-----										
YEAR 2013	-----										
YEAR 2014	-----										
YEAR 2015	-----										

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THermal UNIT	SEASON	2 FEBRUARY	162	163	164	165	166	168	169
			CC_KPCO	BS2 FGD	BS2 FGD	BS2 FGD	BS2 FGD	IGCC AP	PC_UL_AP
			1	1	5	22	23	1	1
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
THermal UNIT	SEASON	2 FEBRUARY	170	171	172	173	174	175	176
			Nuke_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP
			1	1	1	1	1	1	1
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									

YEAR	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0
HERMAL UNIT	177	178	179	181	182	183	184						
IGCC OH	1	1	1	1	1	1	1						
PC_UL_OH													
NUKE OH													
RPID_03													
RPID_04													
RPID_08													
RPID_20													

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	SEASON	2	FEBRUARY	177	178	179	181	182	183	184
			IGCC OH	PC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20	
YEAR 2026			1	1						
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										
THermal UNIT	SEASON	2	FEBRUARY	186	187	188	189	190	191	223
			RP1TR_1M	RP2TR_1M	RP1TR_KP	RP2TR_KP	T4_TROWA	T4_TRCCR	MR_STKRI	
YEAR 2011			1	2	1	2	4	4	1	
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

YEAR 2040	SEASON 2 FEBRUARY	MR_SHR2	AMS3_SI	BS2_SI	MR5_CF	MR5_SI	RPT1_CF	RPT2_CF
YEAR 2011	224	228	229	230	231	232	233	
SEASONAL HEAT RATE PROFILE	1	3	2	5	5	1	2	
YEAR 2012	0	0	0	0	0	0	0	
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----	YEAR 2038	-----	SEASON 2 FEBRUARY	-----	MR_STR2	224	AMS3_ST	228	BS2_ST	229	MRS_CF	230	MRS_ST	231	RPT1_CF	232	RPT2_CF	233
-----	YEAR 2039	-----		-----	1		3		2		5		5		1		2	
-----	YEAR 2040	-----		-----														

-----	YEAR 2011	-----	SEASON 2 FEBRUARY	-----	RPT1_ST	234	RPT2_ST	235	DC1_HPT	251	DC1_IS	252	DC1_EFF	253	DC1_I7	254	DC1_3800	255
-----	YEAR 2012	-----		-----	1		2		1		1		1		1		1	
-----	YEAR 2013	-----		-----														
-----	YEAR 2014	-----		-----														
-----	YEAR 2015	-----		-----														
-----	YEAR 2016	-----		-----														
-----	YEAR 2017	-----		-----														
-----	YEAR 2018	-----		-----														
-----	YEAR 2019	-----		-----														
-----	YEAR 2020	-----		-----														
-----	YEAR 2021	-----		-----														
-----	YEAR 2022	-----		-----														
-----	YEAR 2023	-----		-----														
-----	YEAR 2024	-----		-----														
-----	YEAR 2025	-----		-----														
-----	YEAR 2026	-----		-----														
-----	YEAR 2027	-----		-----														
-----	YEAR 2028	-----		-----														
-----	YEAR 2029	-----		-----														
-----	YEAR 2030	-----		-----														
-----	YEAR 2031	-----		-----														
-----	YEAR 2032	-----		-----														
-----	YEAR 2033	-----		-----														
-----	YEAR 2034	-----		-----														
-----	YEAR 2035	-----		-----														
-----	YEAR 2036	-----		-----														
-----	YEAR 2037	-----		-----														
-----	YEAR 2038	-----		-----														
-----	YEAR 2039	-----		-----														
-----	YEAR 2040	-----		-----														

-----	YEAR 2011	-----	SEASON 2 FEBRUARY	-----	DC2_HPT	257	DC2_EFF	258	DC2_SPU	259	DC2_3800	260	BTGSD_15	269	BTGSD_GP	270	CLN_Q_HM	271
-----	YEAR 2012	-----		-----	2		2		2		2		1		1		1	
-----	YEAR 2013	-----		-----														
-----	YEAR 2014	-----		-----														
-----	YEAR 2015	-----		-----														
-----	YEAR 2016	-----		-----														
-----	YEAR 2017	-----		-----														
-----	YEAR 2018	-----		-----														

-----	YEAR 2011	-----	SEASONAL HEAT RATE PROFILE	-----	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-----	YEAR 2012	-----		-----														
-----	YEAR 2013	-----		-----														
-----	YEAR 2014	-----		-----														
-----	YEAR 2015	-----		-----														
-----	YEAR 2016	-----		-----														
-----	YEAR 2017	-----		-----														
-----	YEAR 2018	-----		-----														

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

THERMAL UNIT	SEASON	2	FEBRUARY	272 CLN_Q_15 1	273 CLN_Q_HM 2	274 CLN_Q_15 2	275 CLN_Q_HM 3	276 CLN_Q_15 3	277 CVL_3_HM 3	278 CVL_3_10 3
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	2	FEBRUARY	279 GIN_5_HM 5	280 GIN_5_15 5	281 GIN_6_HM 6	282 GIN_6_15 6	283 KMR_F_HM 1	284 KMR_F_GP 1	285 KMR_F_HM 2
YEAR 2011				0	0	0	0	0	0	0
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF:INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	2	FEBRUARY	286	287	288	289	290	291	292
YEAR 2029				KMR_F_GP 2	KMR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KWA_2_15 2
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	2	FEBRUARY	293	294	295	296	297	298	299
SEASONAL HEAT RATE PROFILE				MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2	MSKR2_12 2	MSKR3_GP 3	MR3HM_12 3	MSKR4_GP 4
YEAR 2011				0	0	0	0	0	0	0
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	2	FEBRUARY	300	301	302	303	304	305	306
				M4HM_12 4	PICMW_HM 5	PICMW_GP 5	SP1_F_HM 1	SP1_F_15 1	SP2_F_HM 2	SP2_F_15 2

4-Company East Optimization

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
-----	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

THERMAL UNIT	SEASON	2	FEBRUARY
YEAR 2011	314	TNR_F_15	1
YEAR 2012	315	TNR_F_HM	2
YEAR 2013	316	TNR_F_15	2
YEAR 2014	317	TNR_F_HM	3
YEAR 2015	318	TNR_F_15	3
YEAR 2016	319	PW_GP_15	5
YEAR 2017	320	RH111s_1	1

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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SEASONAL HEAT RATE PROFILE	500	501	502	503	958	959	960	
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM	
YEAR 2011	0	0	0	0	0	0	0	
YEAR 2012	0	0	0	0	0	0	0	
YEAR 2013	0	0	0	0	0	0	0	
YEAR 2014	0	0	0	0	0	0	0	
YEAR 2015	0	0	0	0	0	0	0	
YEAR 2016	0	0	0	0	0	0	0	
YEAR 2017	0	0	0	0	0	0	0	
YEAR 2018	0	0	0	0	0	0	0	
YEAR 2019	0	0	0	0	0	0	0	
YEAR 2020	0	0	0	0	0	0	0	
YEAR 2021	0	0	0	0	0	0	0	
YEAR 2022	0	0	0	0	0	0	0	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 2 FEBRUARY													
	500	501	502	503	958	959	960	500	501	502	503	958	959	960
	DUMMY_OP	DUMMY_ITA	DUMMY_AB	DUMMY_KP	CC_KPOC	R2D_KP	R2D_IM	DUMMY_OP	DUMMY_ITA	DUMMY_AB	DUMMY_KP	CC_KPOC	R2D_KP	R2D_IM
YEAR 2023	0	0	0	0	958	959	960	0	0	0	0	958	959	960
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														

THERMAL UNIT	SEASON 2 FEBRUARY													
	961	962	963	964	965	966	967	961	962	963	964	965	966	967
	CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_O3	RP1D_KP	BS2_RGD	HEAT_RATE	HEAT_RATE	HEAT_RATE	HEAT_RATE	HEAT_RATE	HEAT_RATE	HEAT_RATE
YEAR 2011	0	0	0	0	0	0	0							
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														

YEAR	2037	2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
SEASONAL HEAT RATE PROFILE																													
CR2_NGCC					968																								
CR1_NGCC					968																								
MRS_NGCC					970																								
DUMAY_OP					971																								
DUMAY_OP					972																								
DUMAY_OP					973																								
DUMAY_OP					974																								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 2 FEBRUARY							
YEAR 2035	CR2_NGCC 968	CR1_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 974		
YEAR 2036	968	969	970	971	972	973	974		
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT		SEASON 2 FEBRUARY							
YEAR 2011	DUMMY_OP 975	DUMMY_OP 976	DUMMY_OP 977	DUMMY_OP 978	DUMMY_OP 979	DUMMY_OP 980	DUMMY_OP 981		
YEAR 2012	0	0	0	0	0	0	0		
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT		SEASON 2 FEBRUARY							
YEAR 2011	DUMMY_OP 982	DUMMY_OP 983	DUMMY_OP 984	DUMMY_OP 985	DUMMY_OP 986	DUMMY_OP 987	DUMMY_OP 988		
YEAR 2012	0	0	0	0	0	0	0		
YEAR 2013									
YEAR 2014									
YEAR 2015									

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
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 ----- YEAR 2025 -----
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 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

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YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
0	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.

THERMAL UNIT	SEASON	2	FEBRUARY	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
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										
THERMAL UNIT SEASON 2 FEBRUARY										
				T4_TRONA_996	RP2TR_KP_997	RP2TR_IM_998	DUMMY_OP_999			
SEASONAL HEAT RATE PROFILE				0	0	0	0			
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3 MARCH						
	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT	SEASON 3 MARCH						
SEASONAL HEAT RATE PROFILE	CARD 1+2 8	CARD 3 9	CLIFFY 1 10	CLIFFY 2 11	CLIFFY 3 12	CLIFFY 4 13	CLIFFY 5 14
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	MARCH	CLIFFY	CLINCH R	CLINCH R	CLINCH R	ROCKE KP	ROCKE KP	CSVL 1-4
YEAR 2038	3		15	16	17	18	19	20	21
YEAR 2039	3		6	1	2	3	1	2	3
YEAR 2040	3								

YEAR	SEASON	MARCH	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN
YEAR 2011	3		22	23	24	25	26	27	28
YEAR 2012	3		4	5	6	1	2	1	2
YEAR 2013	3		0	0	0	0	0	0	0
YEAR 2014	3								
YEAR 2015	3								
YEAR 2016	3								
YEAR 2017	3								
YEAR 2018	3								
YEAR 2019	3								
YEAR 2020	3								
YEAR 2021	3								
YEAR 2022	3								
YEAR 2023	3								
YEAR 2024	3								
YEAR 2025	3								
YEAR 2026	3								
YEAR 2027	3								
YEAR 2028	3								
YEAR 2029	3								
YEAR 2030	3								
YEAR 2031	3								
YEAR 2032	3								
YEAR 2033	3								
YEAR 2034	3								
YEAR 2035	3								
YEAR 2036	3								
YEAR 2037	3								
YEAR 2038	3								
YEAR 2039	3								
YEAR 2040	3								

THERMAL UNIT SEASON 3 MARCH

GLLEN IYN	GLLEN IYN	KAMMER	KAMMER	KAMMER	KAMMER	KANAWHA	KANAWHA
29	30	33	34	35	36	37	
5	6	1	2	3	1	2	

YEAR	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							

YEAR	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2030	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2031	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE PROFILE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2014	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2016	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2021	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2024	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2025	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2026	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

SEASON	3	MARCH
52	P SPORN	2
53	P SPORN	3
54	P SPORN	4
55	P SPORN	5
56	PICWAY	5
57	RPRER_TM	1
58	RPRUN_TM	1

0	0	0	0	0	0	0
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4-Company East Optimization

SEASONAL HEAT RATE PROFILE	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTWONE 1	ROBTWONE 2	ROBTWONE 3
YEAR 2011	0	0	0	0	164	164	164
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUADILIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	82	83	84	85	86	87	88
			DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2
			0	0	0	0	0	0	0

THERMAL UNIT	SEASON 3	MARCH	75	76	77	78	79	80	81
			CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
			0	0	0	0	0	0	0

THERMAL UNIT	SEASON 3	MARCH	67	68	69	70	71	72	73
			TANN 1-3	TANN 1-3	TANN 4	ZIMMER 1	ROBTWONE 1	ROBTWONE 2	ROBTWONE 3
			0	0	0	0	0	0	0

THERMAL UNIT	SEASON 3	MARCH	82	83	84	85	86	87	88
			DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2
			0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
	0	0	0	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040		
SEASON	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
MONTH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	MARCH	
IMBG SMR	89	89	90	90	91	91	92	92	93	93	94	94	101	101	101	101	101	101	101	101	101	
WATR CC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DRSDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DRSD2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NUCLEAR	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

SEASON 3	MARCH	89	90	91	92	93	94	101
THERMAL UNIT		LMBG SMR	LMBG SMR	WATR CC	WATR2	DRESDEN	DRESD2	NUCLEAR
YEAR 2019		1						
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

YEAR 2040

SEASON 3	MARCH	102	103	104	105	106	107	108
THERMAL UNIT		UPC_NCCS	PC_UL_SU	UPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC 2X1FB
YEAR 2011		1						
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

SEASONAL HEAT RATE PROFILE

YEAR 2011	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2011	0	0	183	0	0	0	0	0
YEAR 2012	0	0	183	0	0	0	0	0
YEAR 2013	0	0	183	0	0	0	0	0
YEAR 2014	0	0	183	0	0	0	0	0
YEAR 2015	0	0	183	0	0	0	0	0
YEAR 2016	0	0	183	0	0	0	0	0
YEAR 2017	0	0	183	0	0	0	0	0
YEAR 2018	0	0	183	0	0	0	0	0
YEAR 2019	0	0	183	0	0	0	0	0
YEAR 2020	0	0	183	0	0	0	0	0
YEAR 2021	0	0	183	0	0	0	0	0
YEAR 2022	0	0	183	0	0	0	0	0
YEAR 2023	0	0	183	0	0	0	0	0
YEAR 2024	0	0	183	0	0	0	0	0
YEAR 2025	0	0	183	0	0	0	0	0
YEAR 2026	0	0	183	0	0	0	0	0
YEAR 2027	0	0	183	0	0	0	0	0
YEAR 2028	0	0	183	0	0	0	0	0
YEAR 2029	0	0	183	0	0	0	0	0
YEAR 2030	0	0	183	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3			MARCH						
	147	148	149	150	151	153	154			
SEASONAL HEAT RATE PROFILE	MTR_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MTR_18%	CC_FR_KP			
YEAR 2011	0	0	0	0	0	0	0			
YEAR 2012	0	0	0	0	0	0	0			
YEAR 2013	0	0	0	0	0	0	0			
SEASONAL HEAT RATE PROFILE	150	0	0	0	0	150	0			
YEAR 2014	150	0	0	0	0	150	0			
YEAR 2015	0	0	0	0	0	0	0			
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0			
YEAR 2016	0	0	0	0	0	0	0			
YEAR 2017	0	0	0	0	0	0	0			
YEAR 2018	0	0	0	0	0	0	0			
YEAR 2019	0	0	0	0	0	0	0			
YEAR 2020	0	0	0	0	0	0	0			
YEAR 2021	0	0	0	0	0	0	0			
YEAR 2022	0	0	0	0	0	0	0			
YEAR 2023	0	0	0	0	0	0	0			
YEAR 2024	0	0	0	0	0	0	0			
YEAR 2025	0	0	0	0	0	0	0			
YEAR 2026	0	0	0	0	0	0	0			
YEAR 2027	0	0	0	0	0	0	0			
YEAR 2028	0	0	0	0	0	0	0			
YEAR 2029	0	0	0	0	0	0	0			
YEAR 2030	0	0	0	0	0	0	0			
YEAR 2031	0	0	0	0	0	0	0			
YEAR 2032	0	0	0	0	0	0	0			
YEAR 2033	0	0	0	0	0	0	0			
YEAR 2034	0	0	0	0	0	0	0			
YEAR 2035	0	0	0	0	0	0	0			
YEAR 2036	0	0	0	0	0	0	0			
YEAR 2037	0	0	0	0	0	0	0			
YEAR 2038	0	0	0	0	0	0	0			
YEAR 2039	0	0	0	0	0	0	0			
YEAR 2040	0	0	0	0	0	0	0			
THERMAL UNIT	SEASON 3	MARCH		155	156	157	158	159	160	161
SEASONAL HEAT RATE PROFILE	CT_OHTO	CC_OH	CT_IEM	CC_IEM	CT_ARCO	CC_ARCO	CT_ARCO	CC_ARCO	CT_ARCO	CT_ARCO
YEAR 2011	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0	0

----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	CC_KRCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	ISGC_AP	PC_UL_AP
YEAR 2011	162	163	164	165	166	168	169	
YEAR 2012	1	1	5	22	23	1	1	
YEAR 2013	0	0	0	0	0	0	0	
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

SEASON	3	MARCH	162	163	164	165	166	168	169
CC_KPCO	1	BS2_FSD	1	BS2_FSD	5	BS2_FGD	23	IGCC_AP	PC_UL_AP
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASON	3	MARCH	170	171	172	173	174	175	176
NUKE_AP	1	IGCC_IM	1	PC_UL_IM	1	NUKE_IM	IGCC_KP	PC_UL_KP	NUKE_KP
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									

YEAR	SEASON	MARCH	IGCC OH	FC_UL_OH	NUKE OH	RPID_03	RPID_04	RPID_08	RPID_20
YEAR 2036	3		177	178	179	181	182	183	184
YEAR 2037			1	1	1	1	1	1	1
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	177	178	179	181	182	183	184
			IGCC OH 1	PC_UL_OH 1	NUKE OH 1	RPID_03 1	RPID_04 1	RPID_08 1	RPID_20 1
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	186	187	188	189	190	191	223
			RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_PRONA 4	T4_TRCCR 4	MR_STKR1 1
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	224	228	229	230	231	232	233
			MR_STKR2 1	AMS3_SI 3	BS2_SI 2	MR5_CF 5	MR5_SI 5	RP11_CF 1	RP12_CF 2
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									

YEAR	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	272	273	274	275	276	277	278							
YEAR 2012	CLN_Q_15_1	CLN_Q_HM_2	CLN_Q_15_2	CLN_Q_HM_3	CLN_Q_15_3	CVL_3_HM_3	CVL_3_10_3							
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	CLN_Q_15_1	CLN_Q_HM_2	CLN_Q_15_2	CLN_Q_HM_3	CLN_Q_15_3	CVL_3_HM_3	CVL_3_10_3
YEAR 2025			272	273	274	275	276	277	278
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	GIN_5_HM_5	GIN_5_15_5	GIN_6_HM_6	GIN_6_15_6	KMR_F_HM_1	KMR_F_GP_1	KMR_F_HM_2
YEAR 2011			279	280	281	282	283	284	285
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

YEAR 2039	YEAR 2040	SEASON 3	MARCH	286	287	288	289	290	291	292
THERMAL UNIT		KOR F GP								
SEASONAL HEAT RATE PROFILE		KOR_F_GP_2	KOR_F_HM_3	KOR_F_GP_3	KWA_1_HM_1	KWA_1_15_1	KWA_2_HM_2	KWA_2_15_2		
YEAR 2011	YEAR 2012	0	0	0	0	0	0	0	0	0
YEAR 2013	YEAR 2014									
YEAR 2015	YEAR 2016									
YEAR 2017	YEAR 2018									
YEAR 2019	YEAR 2020									
YEAR 2021	YEAR 2022									
YEAR 2023	YEAR 2024									
YEAR 2025	YEAR 2026									
YEAR 2027	YEAR 2028									
YEAR 2029	YEAR 2030									
YEAR 2031	YEAR 2032									
YEAR 2033	YEAR 2034									
YEAR 2035	YEAR 2036									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	MARCH	286	287	288	289	290	291	292
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON	MARCH	293	294	295	296	297	298	299
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

THERMAL UNIT	SEASON	MARCH	300	301	302	303	304	305	306
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	307	308	309	310	311	312	313
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	314	315	316	317	318	319	320
YEAR 2011									
SEASONAL HEAT RATE PROFILE									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									

YEAR	HEAT RATE PROFILE	SEASON	MARCH	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_RPCO	RP2D_KP	RP2D_IM	
YEAR 2030	-----										
YEAR 2031	-----										
YEAR 2032	-----										
YEAR 2033	-----										
YEAR 2034	-----										
YEAR 2035	-----										
YEAR 2036	-----										
YEAR 2037	-----										
YEAR 2038	-----										
YEAR 2039	-----										
YEAR 2040	-----										
THERMAL UNIT											
=====											
SEASONAL HEAT RATE PROFILE		SEASON	3	MARCH	=====						
YEAR 2011	-----				500	501	502	503	958	959	960
YEAR 2012	-----				0	0	0	0	958	959	960
YEAR 2013	-----										
YEAR 2014	-----										
YEAR 2015	-----										
YEAR 2016	-----										
YEAR 2017	-----										
YEAR 2018	-----										
YEAR 2019	-----										
YEAR 2020	-----										
YEAR 2021	-----										
YEAR 2022	-----										
YEAR 2023	-----										
YEAR 2024	-----										
YEAR 2025	-----										
YEAR 2026	-----										
YEAR 2027	-----										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 3	MARCH	500	501	502	503	958	959	960
			DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM
YEAR 2028			0	0	0	0	958	959	960
YEAR 2029									
YEAR 2030							958	959	960
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 3	MARCH	961	962	963	964	965	966	967
			CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP	BS2_RGD
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT SEASON 3 MARCH 968 969 970 971 972 973 974
1287

SEASONAL HEAT RATE PROFILE	CR2_NGCC 968	CR1_NGCC 969	MR5_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 974
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
968	969	970	971	972	973	974	975	976	977
CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
968	969	970	971	972	973	974	975	976	977

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
0	0	0	0	0	0	0	0	0	0
975	976	977	978	979	980	981	982	983	984
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
975	976	977	978	979	980	981	982	983	984

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
0	0	0	0	0	0	0	0	0	0
982	983	984	985	986	987	988	989	990	991
DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
982	983	984	985	986	987	988	989	990	991

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 3 MARCH -----

SEASONAL HEAT RATE PROFILE	989 DUMMY OP	990 DUMMY OP	991 DUMMY OP	992 DUMMY OP	993 DUMMY OP	994 DUMMY OP	995 DUMMY OP
----- YEAR 2011 -----	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	SEASON	APRIL	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 1	BIG SAND 2	CARD 1+2
YEAR 2033	4		1	2	3	4	5	6	7
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE PROFILE	SEASON 4	APRIL	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 1	BIG SAND 2	CARD 1+2
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	APRIL	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2
			1	2	3	4	5	6	7
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON	APRIL	CARD 1+2	CARD 3	CLIFFY	CLIFFY	CLIFFY	CLIFFY	CLIFFY	CLIFFY	CLIFFY
			8	9	10	11	12	13	14	14	14
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT	SEASON	APRIL	CARD 1+2	CARD 3	CLIFFY	CLIFFY	CLIFFY	CLIFFY	CLIFFY	CLIFFY	CLIFFY
			8	9	10	11	12	13	14	14	14
YEAR 2011											
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT	SEASON	APRIL	CLIFFY	CLINCH R	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	CSVL 1-4
			15	16	17	18	19	20	21	21
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALIDE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT	SEASON 4		APRIL		APRIL		APRIL		APRIL		APRIL	
	22	23	24	25	26	27	28	29	30	31	32	33
SEASONAL HEAT RATE PROFILE	CSVL 1-4	CSVL 5+6	D C COOK	D C COOK	D C COOK	GAVIN	GAVIN	GLEN LYN	GLEN LYN	KAMMER	KAMMER	KAMMER
YEAR 2011	4	5	6	1	2	1	2	3	4	5	6	7
YEAR 2012	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0	0	0	0	0	0
THERMAL UNIT SEASON 4 APRIL												
YEAR 2011	29	30	33	34	35	36	37	29	30	33	34	35
YEAR 2012	5	6	1	2	3	1	2	3	4	5	6	7
YEAR 2013	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0	0	0	0

----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

HERMAL UNIT	SEASON	4	APRIL	-----	-----	-----	-----	-----	-----	-----
				KYGER	38					
				KYGER	1					
				KYGER	39					
				KYGER	2					
				KYGER	40					
				KYGER	3					
				KYGER	41					
				KYGER	4					
				KYGER	42					
				KYGER	5					
				MITCHELL	43					
				MITCHELL	1					
				MITCHELL	44					
				MITCHELL	2					
SEASONAL HEAVY RATE PROFILE	YEAR 2011				0					
	YEAR 2012				0					
	YEAR 2013				0					
	YEAR 2014				0					
	YEAR 2015				0					
	YEAR 2016				0					
	YEAR 2017				0					
	YEAR 2018				0					
	YEAR 2019				0					
	YEAR 2020				0					
	YEAR 2021				0					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF, INPUT, THERMAL UNIT.

THERMAL UNIT	SEASON 4	APRIL	38	39	40	41	42	43	44
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 4	APRIL	45	46	47	48	49	50	51
SEASONAL HEAT RATE PROFILE			45	0	0	0	0	0	0
YEAR 2011			45	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE			45	0	0	0	0	0	0
YEAR 2012			45	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2013			0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE			150	0	0	0	0	0	0
YEAR 2014			150	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE			150	0	0	0	0	0	0
YEAR 2015			150	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2016			0	0	0	0	0	0	0
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									

YEAR	SEASON	APRIL	52	53	54	55	56	57	58
YEAR	SEASON	APRIL	P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRFT_IM	RPRUN_IM
YEAR	SEASON	APRIL	2	3	4	5	5	1	1
YEAR 2035			0	0	0	0	0	0	0
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
YEAR 2011	SEASON 4	APRIL	0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
-----	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE	89	90	91	92	93	94	101								
PROFIT	1	2	1	1	1	1	1								
YEAR 2011	0	0	0	0	0	0	0								
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
SEASONAL HEAT RATE PROFILE				109	110	111	114	115	124	125																		
CC 2X1FA				1	1	1	1	1	2	1																		
BS2_CC						183																						
CT_GE7FA				1	1		1	1																				
BS2_FGD									2																			
BS1_FGD										1																		

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASON	4	APRIL	-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE PROFILE			147	148	149	150	151	153	154
			MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%	CC_FA_KP
			1	1	2	1	2	1	1
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014			150	0	0	0	0	150	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASONAL HEAT RATE PROFILE	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THermal UNIT	SEASON 4 APRIL																									
MTN_90%	147	148	148	149	150	151	153	154																		
RPT1_90%	1	1	1	2	1	2	1																			
RPT2_90%				2																						
GVL_90%					1																					
GV2_90%						2																				
MTN_18%							1																			
CC_FA_KP								1																		
CT_OHIO	155	156	157	158	159	160	161																			
CC_OH	1	1	1	1	1	1	1																			
CT_I&M	1		1	1																						
CC_I&M					1																					
CT_ARCO						1																				
CC_ARCO							1																			
CT_KPCO								1																		

YEAR	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040				
SEASONAL HEAT RATE	162	163	164	165	166	168	169									
PROFIT	1	1	5	22	23	1	1									
CC_KPCO	1	0	0	0	0	0	0									
BS2_FGD	1	1	5	22	23	1	1									
IGCC_AP	1	0	0	0	0	1	1									
FC_UL_AP	1	0	0	0	0	0	0									
YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF,INPDT,THERMAL UNIT.

THERMAL UNIT	SEASON 4	APRIL	162	163	164	165	166	168	169
			CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC_AP	PC_UL_AP
			1	1	5	22	23	1	1
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 4	APRIL	170	171	172	173	174	175	176
			Nuke_AP	IGCC_IM	PC_UL_IM	NUKE_IM	IGCC_KP	PC_UL_KP	NUKE_KP
			1	1	1	1	1	1	1
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038
IGCC OH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PC_UL_OH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NUKE OH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RPID_03	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RPID_04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RPID_08	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RPID_20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	DC1_3800	DC1_17	DC1_EFF	DC1_IS	DC1_HPF	DC2_SFU	DC2_EFP	DC2_HFP	YEAR
YEAR 2018	1	1	1	1	1	2	2	2	2018
YEAR 2019	1	1	1	1	1	2	2	2	2019
YEAR 2020	1	1	1	1	1	2	2	2	2020
YEAR 2021	1	1	1	1	1	2	2	2	2021
YEAR 2022	1	1	1	1	1	2	2	2	2022
YEAR 2023	1	1	1	1	1	2	2	2	2023
YEAR 2024	1	1	1	1	1	2	2	2	2024
YEAR 2025	1	1	1	1	1	2	2	2	2025
YEAR 2026	1	1	1	1	1	2	2	2	2026
YEAR 2027	1	1	1	1	1	2	2	2	2027
YEAR 2028	1	1	1	1	1	2	2	2	2028
YEAR 2029	1	1	1	1	1	2	2	2	2029
YEAR 2030	1	1	1	1	1	2	2	2	2030
YEAR 2031	1	1	1	1	1	2	2	2	2031
YEAR 2032	1	1	1	1	1	2	2	2	2032
YEAR 2033	1	1	1	1	1	2	2	2	2033
YEAR 2034	1	1	1	1	1	2	2	2	2034
YEAR 2035	1	1	1	1	1	2	2	2	2035
YEAR 2036	1	1	1	1	1	2	2	2	2036
YEAR 2037	1	1	1	1	1	2	2	2	2037
YEAR 2038	1	1	1	1	1	2	2	2	2038
YEAR 2039	1	1	1	1	1	2	2	2	2039
YEAR 2040	1	1	1	1	1	2	2	2	2040

SEASONAL HEAT RATE	DC1_3800	BIGSD_GP	BIGSD_15	DC2_SFU	DC2_EFP	DC2_HFP	SEASON	APRIL	YEAR
YEAR 2011	1	1	1	2	2	2	4	APRIL	2011
YEAR 2012	1	1	1	2	2	2	4	APRIL	2012
YEAR 2013	1	1	1	2	2	2	4	APRIL	2013
YEAR 2014	1	1	1	2	2	2	4	APRIL	2014
YEAR 2015	1	1	1	2	2	2	4	APRIL	2015
YEAR 2016	1	1	1	2	2	2	4	APRIL	2016
YEAR 2017	1	1	1	2	2	2	4	APRIL	2017
YEAR 2018	1	1	1	2	2	2	4	APRIL	2018
YEAR 2019	1	1	1	2	2	2	4	APRIL	2019
YEAR 2020	1	1	1	2	2	2	4	APRIL	2020
YEAR 2021	1	1	1	2	2	2	4	APRIL	2021
YEAR 2022	1	1	1	2	2	2	4	APRIL	2022
YEAR 2023	1	1	1	2	2	2	4	APRIL	2023
YEAR 2024	1	1	1	2	2	2	4	APRIL	2024
YEAR 2025	1	1	1	2	2	2	4	APRIL	2025
YEAR 2026	1	1	1	2	2	2	4	APRIL	2026
YEAR 2027	1	1	1	2	2	2	4	APRIL	2027
YEAR 2028	1	1	1	2	2	2	4	APRIL	2028
YEAR 2029	1	1	1	2	2	2	4	APRIL	2029
YEAR 2030	1	1	1	2	2	2	4	APRIL	2030
YEAR 2031	1	1	1	2	2	2	4	APRIL	2031

YEAR	HEAT RATE PROFILE	CLN_Q_15_1	CLN_Q_HM_2	CLN_Q_15_2	CLN_Q_HM_3	CLN_Q_15_3	CVL_3_HM_3	CVL_3_10_3
YEAR 2032	-----							
YEAR 2033	-----							
YEAR 2034	-----							
YEAR 2035	-----							
YEAR 2036	-----							
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							
YEAR 2040	-----							
THERMAL UNIT SEASON 4 APRIL								
SEASONAL HEAT RATE PROFILE		272	273	274	275	276	277	278
YEAR 2011	-----	0	0	0	0	0	0	0
YEAR 2012	-----							
YEAR 2013	-----							
YEAR 2014	-----							
YEAR 2015	-----							
YEAR 2016	-----							
YEAR 2017	-----							
YEAR 2018	-----							
YEAR 2019	-----							
YEAR 2020	-----							
YEAR 2021	-----							
YEAR 2022	-----							
YEAR 2023	-----							
YEAR 2024	-----							
YEAR 2025	-----							
YEAR 2026	-----							
YEAR 2027	-----							
YEAR 2028	-----							
YEAR 2029	-----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

ASP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR	HEAT RATE PROFILE	SEASON	APRIL	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	TNR_F_HM
YEAR 2025	-----									
YEAR 2026	-----									
YEAR 2027	-----									
YEAR 2028	-----									
YEAR 2029	-----									
YEAR 2030	-----									
YEAR 2031	-----									
YEAR 2032	-----									
YEAR 2033	-----									
YEAR 2034	-----									
YEAR 2035	-----									
YEAR 2036	-----									
YEAR 2037	-----									
YEAR 2038	-----									
YEAR 2039	-----									
YEAR 2040	-----									

SEASONAL HEAT RATE PROFILE		SEASON 4	APRIL	SP3_Q_HM 307	SP3_Q_15 308	SP4_Q_HM 309	SP4_Q_15 310	SP5_HM 311	SP5_15 312	TNR_F_HM 313
YEAR 2011	-----			3	3	4	4	5	5	1
YEAR 2012	-----			0	0	0	0	0	0	0
YEAR 2013	-----									
YEAR 2014	-----									
YEAR 2015	-----									
YEAR 2016	-----									
YEAR 2017	-----									
YEAR 2018	-----									
YEAR 2019	-----									
YEAR 2020	-----									
YEAR 2021	-----									
YEAR 2022	-----									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF,INPUT,THERMAL UNIT.

THERMAL UNIT	SEASON	4	APRIL	QUALIFIER = GAF,INPUT,THERMAL UNIT.													
YEAR 2023				SP3_Q_HM	307	SP3_Q_15	308	SP4_Q_HM	309	SP4_Q_15	310	SP5_HM	311	SP5_15	312	TNR_F_HM	313
YEAR 2024																	
YEAR 2025																	
YEAR 2026																	
YEAR 2027																	
YEAR 2028																	
YEAR 2029																	
YEAR 2030																	
YEAR 2031																	
YEAR 2032																	
YEAR 2033																	
YEAR 2034																	
YEAR 2035																	
YEAR 2036																	
THERMAL UNIT				SEASON 4 APRIL													
SEASONAL HEAT RATE PROFILE	YEAR 2011			TNR_F_15	314	TNR_F_HM	315	TNR_F_15	316	TNR_F_HM	317	TNR_F_15	318	PW_GP_15	319	RH11s_1	320
	YEAR 2012																
	YEAR 2013																
	YEAR 2014																
	YEAR 2015																
	YEAR 2016																
	YEAR 2017																
	YEAR 2018																
	YEAR 2019																
	YEAR 2020																
	YEAR 2021																
	YEAR 2022																
	YEAR 2023																
	YEAR 2024																
	YEAR 2025																
	YEAR 2026																
	YEAR 2027																
	YEAR 2028																
	YEAR 2029																
	YEAR 2030																
	YEAR 2031																
	YEAR 2032																
	YEAR 2033																
	YEAR 2034																
	YEAR 2035																
	YEAR 2036																

YEAR	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
SEASONAL HEAT RATE PROFILE	500	501	502	503	958	959	960	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

* QUALIFIER = GAF.INPUT.THERMAL.UNIT.

----- THERMAL UNIT -----	SEASON 4	APRIL -----	-----	-----	-----	-----	-----	-----	-----
YEAR 2014		975	976	977	978	979	980	981	
YEAR 2015		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2016		975	976	977	978	979	980	981	
YEAR 2017		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2018		975	976	977	978	979	980	981	
YEAR 2019		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2020		975	976	977	978	979	980	981	
YEAR 2021		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2022		975	976	977	978	979	980	981	
YEAR 2023		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2024		975	976	977	978	979	980	981	
YEAR 2025		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2026		975	976	977	978	979	980	981	
YEAR 2027		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2028		975	976	977	978	979	980	981	
YEAR 2029		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2030		975	976	977	978	979	980	981	
YEAR 2031		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2032		975	976	977	978	979	980	981	
YEAR 2033		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2034		975	976	977	978	979	980	981	
YEAR 2035		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2036		975	976	977	978	979	980	981	
YEAR 2037		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2038		975	976	977	978	979	980	981	
YEAR 2039		DUMMY OP 975	DUMMY OP 976	DUMMY OP 977	DUMMY OP 978	DUMMY OP 979	DUMMY OP 980	DUMMY OP 981	
YEAR 2040		975	976	977	978	979	980	981	
----- THERMAL UNIT -----	SEASON 4	APRIL -----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011		982	983	984	985	986	987	988	
YEAR 2012		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2013		982	983	984	985	986	987	988	
YEAR 2014		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2015		982	983	984	985	986	987	988	
YEAR 2016		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2017		982	983	984	985	986	987	988	
YEAR 2018		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2019		982	983	984	985	986	987	988	
YEAR 2020		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2021		982	983	984	985	986	987	988	
YEAR 2022		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2023		982	983	984	985	986	987	988	
YEAR 2024		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2025		982	983	984	985	986	987	988	
YEAR 2026		DUMMY OP 982	DUMMY OP 983	DUMMY OP 984	DUMMY OP 985	DUMMY OP 986	DUMMY OP 987	DUMMY OP 988	
YEAR 2027		982	983	984	985	986	987	988	

YEAR	HEAT RATE PROFILE	989	990	991	992	993	994	995
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
SEASONAL HEAT RATE PROFILE	SEASON 4	APRIL						
YEAR 2011			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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040
-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040
-----	989	-----	990	-----	991	-----	992	-----	993	-----	994	-----	995	-----	996	-----	997	-----	998	-----	999	-----	1000	-----	1001	-----	1002	-----	1003
-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP
-----	989	-----	990	-----	991	-----	992	-----	993	-----	994	-----	995	-----	996	-----	997	-----	998	-----	999	-----	1000	-----	1001	-----	1002	-----	1003
-----	T4_TRONA	-----	RP2TR_KP	-----	RP2TR_IM	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP	-----	DUMMY_OP
-----	996	-----	997	-----	998	-----	999	-----	1000	-----	1001	-----	1002	-----	1003	-----	1004	-----	1005	-----	1006	-----	1007	-----	1008	-----	1009	-----	1010
-----	996	-----	997	-----	998	-----	999	-----	1000	-----	1001	-----	1002	-----	1003	-----	1004	-----	1005	-----	1006	-----	1007	-----	1008	-----	1009	-----	1010
-----	996	-----	997	-----	998	-----	999	-----	1000	-----	1001	-----	1002	-----	1003	-----	1004	-----	1005	-----	1006	-----	1007	-----	1008	-----	1009	-----	1010
-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0	-----	0

YEAR 2040	SEASON 5	MAY	AMOS 1	AMOS 2	AMOS_OP 3	BECKJORD 4	BIG SAND 1 5	BIG SAND 2 6	CARD 1+2 7
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013			0	0	0	0	0	0	0
YEAR 2014			0	0	0	0	0	0	0
YEAR 2015			0	0	0	0	0	0	0
YEAR 2016			0	0	0	0	0	0	0
YEAR 2017			0	0	0	0	0	0	0
YEAR 2018			0	0	0	0	0	0	0
YEAR 2019			0	0	0	0	0	0	0
YEAR 2020			0	0	0	0	0	0	0
YEAR 2021			0	0	0	0	0	0	0
YEAR 2022			0	0	0	0	0	0	0
YEAR 2023			0	0	0	0	0	0	0
YEAR 2024			0	0	0	0	0	0	0
YEAR 2025			0	0	0	0	0	0	0
YEAR 2026			0	0	0	0	0	0	0
YEAR 2027			0	0	0	0	0	0	0
YEAR 2028			0	0	0	0	0	0	0
YEAR 2029			0	0	0	0	0	0	0
YEAR 2030			0	0	0	0	0	0	0
YEAR 2031			0	0	0	0	0	0	0
YEAR 2032			0	0	0	0	0	0	0
YEAR 2033			0	0	0	0	0	0	0
YEAR 2034			0	0	0	0	0	0	0
YEAR 2035			0	0	0	0	0	0	0
YEAR 2036			0	0	0	0	0	0	0
YEAR 2037			0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	SEASON	MAY	CLIFFY	CLINCH	CLINCH	CLINCH	ROCKP	ROCKP	CSVL
YEAR 2038	5	1	2	3	4	5	6	7	
YEAR 2039	5	1	2	3	4	5	6	7	
YEAR 2040	5	1	2	3	4	5	6	7	

YEAR	SEASON	MAY	CLIFFY	CLINCH	CLINCH	CLINCH	ROCKP	ROCKP	CSVL
YEAR 2011	5	8	9	10	11	12	13	14	
YEAR 2012	5	8	9	10	11	12	13	14	
YEAR 2013	5	8	9	10	11	12	13	14	
YEAR 2014	5	8	9	10	11	12	13	14	
YEAR 2015	5	8	9	10	11	12	13	14	
YEAR 2016	5	8	9	10	11	12	13	14	
YEAR 2017	5	8	9	10	11	12	13	14	
YEAR 2018	5	8	9	10	11	12	13	14	
YEAR 2019	5	8	9	10	11	12	13	14	
YEAR 2020	5	8	9	10	11	12	13	14	
YEAR 2021	5	8	9	10	11	12	13	14	
YEAR 2022	5	8	9	10	11	12	13	14	
YEAR 2023	5	8	9	10	11	12	13	14	
YEAR 2024	5	8	9	10	11	12	13	14	
YEAR 2025	5	8	9	10	11	12	13	14	
YEAR 2026	5	8	9	10	11	12	13	14	
YEAR 2027	5	8	9	10	11	12	13	14	
YEAR 2028	5	8	9	10	11	12	13	14	
YEAR 2029	5	8	9	10	11	12	13	14	
YEAR 2030	5	8	9	10	11	12	13	14	
YEAR 2031	5	8	9	10	11	12	13	14	
YEAR 2032	5	8	9	10	11	12	13	14	
YEAR 2033	5	8	9	10	11	12	13	14	
YEAR 2034	5	8	9	10	11	12	13	14	
YEAR 2035	5	8	9	10	11	12	13	14	
YEAR 2036	5	8	9	10	11	12	13	14	
YEAR 2037	5	8	9	10	11	12	13	14	
YEAR 2038	5	8	9	10	11	12	13	14	
YEAR 2039	5	8	9	10	11	12	13	14	
YEAR 2040	5	8	9	10	11	12	13	14	

YEAR	SEASON	MAY	CLIFFY	CLINCH	CLINCH	CLINCH	ROCKP	ROCKP	CSVL
YEAR 2011	5	15	16	17	18	19	20	21	
YEAR 2012	5	15	16	17	18	19	20	21	
YEAR 2013	5	15	16	17	18	19	20	21	
YEAR 2014	5	15	16	17	18	19	20	21	
YEAR 2015	5	15	16	17	18	19	20	21	
YEAR 2016	5	15	16	17	18	19	20	21	
YEAR 2017	5	15	16	17	18	19	20	21	
YEAR 2018	5	15	16	17	18	19	20	21	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5		MAY		D C COOK		GAVIN	
	CSVL 1-4	CSVL 5+6	CSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
YEAR 2017	22	23	24	25	26	27	28	
YEAR 2018	4	5	6	1	2	1	2	
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 5		MAY		KAWMER		KANAWHA	
	GLEN LYN	GLEN LYN	KAWMER	KAWMER	KAWMER	KANAWHA	KANAWHA	
YEAR 2011	29	30	33	34	35	36	37	
SEASONAL HEAT RATE PROFILE	5	6	1	2	3	1	2	
YEAR 2012	0	0	0	0	0	0	0	
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								

YEAR	HEAT RATE	PROFIT
YEAR 2031		
YEAR 2032		
YEAR 2033		
YEAR 2034		
YEAR 2035		
YEAR 2036		
YEAR 2037		
YEAR 2038		
YEAR 2039		
YEAR 2040		

SEASON	5	MAY
YEAR 2011	38	
YEAR 2012	1	
YEAR 2013		39
YEAR 2014		2
YEAR 2015		3
YEAR 2016		4
YEAR 2017		5
YEAR 2018		
YEAR 2019		
YEAR 2020		
YEAR 2021		
YEAR 2022		
YEAR 2023		
YEAR 2024		
YEAR 2025		
YEAR 2026		
YEAR 2027		
YEAR 2028		

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

SEASONAL HEAT RATE PROFILE	52 P SPORN 2	53 P SPORN 3	54 P SPORN 4	55 P SPORN 5	56 PIOWAY 5	57 RPRET_IM 1	58 RPRUN_IM 1
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							

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VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
P SPORN	P SPORN	P SPORN	P SPORN	PICWAY	RPRRT_IM	RPRUN_IM	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN	TANN	TANN	TANN	TANN	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	
2	3	4	5	5	1	1	2	1	1	2	3	4	3	1	2	3	4	1	1	2	3	1	1	1	1	1	1	1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
67	68	69	70	71	72	73	74	75	76
TANN	TANN	TANN	ZIMMER	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE	ROBTMONE
1-3	1-3	4	1	1	2	3	1	1	1
2	3	4	1	1	2	3	1	1	1
0	0	0	0	162	162	162	162	162	162

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT -----

SEASON 5

MAY

===== CEREDO 75 =====
 1

===== CEREDO 76 =====
 2

===== CEREDO 77 =====
 3

===== CEREDO 78 =====
 4

===== CEREDO 79 =====
 5

===== CEREDO 80 =====
 6

===== DABBY 81 =====
 1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5	MAY					
		75	76	77	78	79	80
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT	SEASON 5	MAY					
		82	83	84	85	86	87
		DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1
SEASONAL HEAT RATE PROFITE		0	0	0	0	0	0
							88
							IMBG WIN 2

YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							

YEAR	SEASON	MAY	89	90	91	92	93	94	101
YEAR	SEASON	MAY	LMBG SMR 1	LMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESD2 1	NUCLEAR 1
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE PROFILE	YEAR 2011		0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	MAY									
		126	127	129	130	131	132	133	134	135	136
SEASONAL HEAT RATE PROFILE	YEAR 2011	0	0	0	0	0	0	0	0	0	0
	YEAR 2012										
	YEAR 2013										
	YEAR 2014										
	YEAR 2015										
	YEAR 2016										
	YEAR 2017										
	YEAR 2018										
	YEAR 2019										
	YEAR 2020										
	YEAR 2021										
	YEAR 2022										
	YEAR 2023										
	YEAR 2024										
	YEAR 2025										
	YEAR 2026										
	YEAR 2027										
	YEAR 2028										
	YEAR 2029										
	YEAR 2030										
	YEAR 2031										
	YEAR 2032										
	YEAR 2033										
	YEAR 2034										
	YEAR 2035										
	YEAR 2036										
	YEAR 2037										
	YEAR 2038										
	YEAR 2039										
	YEAR 2040										

THERMAL UNIT SEASON 5

MAY

RP2D_IM	TAM4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A390% AP	A390%OP
134	135	136	137	144	145	146
2	4	1	2	4	3	3
0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE

YEAR 2011

YEAR 2012

YEAR 2013

YEAR 2014

YEAR 2015

YEAR 2016

YEAR 2017

YEAR 2018

YEAR 2019

YEAR 2020

YEAR 2021

YEAR 2022

YEAR 2023

YEAR 2024

YEAR	HEAT RATE PROFILE	MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%	CC_FA_KP
YEAR 2025	-----							
YEAR 2026	-----							
YEAR 2027	-----							
YEAR 2028	-----							
YEAR 2029	-----							
YEAR 2030	-----							
YEAR 2031	-----							
YEAR 2032	-----							
YEAR 2033	-----							
YEAR 2034	-----							
YEAR 2035	-----							
YEAR 2036	-----							
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							
YEAR 2040	-----							

HERMAL UNIT	SEASON 5	MAX	-----					
SEASONAL HEAT RATE PROFILE		147	148	149	150	151	153	154
YEAR 2011	-----	1	1	2	1	2	1	1
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
YEAR 2012	-----							
YEAR 2013	-----							
YEAR 2014	-----							
SEASONAL HEAT RATE PROFILE		150	0	0	0	0	150	0
YEAR 2015	-----	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
YEAR 2016	-----							
YEAR 2017	-----							
YEAR 2018	-----							
YEAR 2019	-----							
YEAR 2020	-----							
YEAR 2021	-----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2036	2037	2038	2039	2040	MAY								
SEASONAL HEAT RATE PROFILE	162	163	164	165	166	168	169	162	163	164	165	166	168	169
CC_KPCO	1	1	5	22	23	1	1	1	1	1	1	1	1	1
BS2 FGD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IGCC AP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PC_UL_AP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011														
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF,INPOT,THERMAL UNIT.

THERMAL UNIT		SEASON 5									
		MAY									
YEAR 2034		162	163	164	165	166	168	169			
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 5									
		MAY									
YEAR 2011		170	171	172	173	174	175	176			
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 5									
		MAY									
YEAR 2011		177	178	179	181	182	183	184			
YEAR 2012											
YEAR 2013											
YEAR 2014											

YEAR 2039	YEAR 2040	YEAR 2041	YEAR 2042	YEAR 2043	YEAR 2044	YEAR 2045	YEAR 2046	YEAR 2047	YEAR 2048	YEAR 2049	YEAR 2050	YEAR 2051	YEAR 2052	YEAR 2053	YEAR 2054	YEAR 2055	YEAR 2056
272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289
CIN_Q_15_1	CIN_Q_HM_2	CIN_Q_15_2	CIN_Q_HM_3	CIN_Q_15_3	CVL_3_HM_3	CVL_3_10_3											
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	SEASON	MAY	YEAR	SEASON	MAY	YEAR	SEASON	MAY
YEAR 2037	5	272	YEAR 2038	5	273	YEAR 2039	5	274
CLN_Q_15	1	CLN_Q_HM	CLN_Q_15	2	CLN_Q_15	CLN_Q_HM	CLN_Q_15	3
YEAR 2040	5	275	YEAR 2041	5	276	YEAR 2042	5	277
CLN_Q_15	1	CLN_Q_HM	CLN_Q_15	2	CVL_3_HM	CLN_Q_15	3	CVL_3_10

YEAR	SEASON	MAY	YEAR	SEASON	MAY	YEAR	SEASON	MAY
YEAR 2011	5	279	YEAR 2012	5	280	YEAR 2013	5	281
CLN_5_HM	5	CLN_5_15	CLN_6_HM	6	CLN_6_15	CLN_6_HM	6	CLN_6_15
YEAR 2014	5	282	YEAR 2015	5	283	YEAR 2016	5	284
CLN_Q_15	1	KMR_F_HM	CLN_Q_15	1	KMR_F_GP	CLN_Q_15	1	KMR_F_HM
YEAR 2017	5	285	YEAR 2018	5	286	YEAR 2019	5	287
CLN_Q_15	1	KMR_F_HM	CLN_Q_15	1	KMR_F_GP	CLN_Q_15	1	KMR_F_HM
YEAR 2021	5	288	YEAR 2022	5	289	YEAR 2023	5	290
CLN_Q_15	1	KWA_1_HM	CLN_Q_15	1	KWA_1_HM	CLN_Q_15	1	KWA_1_HM
YEAR 2024	5	291	YEAR 2025	5	292	YEAR 2026	5	293
CLN_Q_15	1	KWA_2_HM	CLN_Q_15	1	KWA_2_HM	CLN_Q_15	1	KWA_2_HM
YEAR 2029	5	294	YEAR 2030	5	295	YEAR 2031	5	296
CLN_Q_15	1	KWA_1_HM	CLN_Q_15	1	KWA_1_HM	CLN_Q_15	1	KWA_1_HM
YEAR 2034	5	297	YEAR 2035	5	298	YEAR 2036	5	299
CLN_Q_15	1	KWA_2_HM	CLN_Q_15	1	KWA_2_HM	CLN_Q_15	1	KWA_2_HM
YEAR 2039	5	300	YEAR 2040	5	301	YEAR 2041	5	302
CLN_Q_15	1	KWA_1_HM	CLN_Q_15	1	KWA_1_HM	CLN_Q_15	1	KWA_1_HM

YEAR	SEASON	MAY	YEAR	SEASON	MAY	YEAR	SEASON	MAY
YEAR 2011	5	286	YEAR 2012	5	287	YEAR 2013	5	288
KMR_F_GP	2	KMR_F_HM	KMR_F_GP	3	KWA_1_HM	KMR_F_GP	3	KWA_1_HM
YEAR 2014	5	289	YEAR 2015	5	290	YEAR 2016	5	291
KMR_F_GP	2	KWA_1_HM	KMR_F_GP	2	KWA_2_HM	KMR_F_GP	2	KWA_2_HM
YEAR 2017	5	292	YEAR 2018	5	293	YEAR 2019	5	294
KMR_F_GP	2	KWA_1_HM	KMR_F_GP	2	KWA_2_HM	KMR_F_GP	2	KWA_2_HM

YEAR	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASON																							
HEAT RATE																							
PROFILE																							
YEAR 2011																							
YEAR 2012																							
YEAR 2013																							
YEAR 2014																							
YEAR 2015																							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
THERMAL UNIT	293	294	295	296	297	298	299																		
MSKR1_HM	1	1	2	2	3	3	4																		
MSKR2_HM																									
MSKR2_12																									
MSKR3_GP																									
MR3HM_12																									
MSKR4_GP																									

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
THERMAL UNIT	300	301	302	303	304	305	306												
M4HM_12	4	5	5	1	1	2	2												
PICWY_HM																			
PICWY_GP																			
SP1_F_HM																			
SP1_F_15																			
SP2_F_HM																			
SP2_F_15																			

YEAR	HEAT RATE	PROFIT	SEASON	MAY	SP3_Q_HM	SP3_Q_15	SP4_Q_HM	SP4_Q_15	SP5_HM	SP5_15	TNR_F_HM
YEAR 2030			5								
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											
THERMAL UNIT											
SEASON 5											
MAY											
YEAR 2011					307						
SEASONAL HEAT RATE					SP3_Q_HM	308	309	310	311	312	313
YEAR 2012					3	3	4	4	5	5	TNR_F_HM
YEAR 2013											1
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017					0	0	0	0	0	0	0
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

4-Company East Optimization

SEASONAL	HEAT RATE PROFILE	DUMMY_OP_0	DUMMY_IM_0	DUMMY_AP_0	DUMMY_KP_0	CC_KPCO_958	RP2D_KP_959	RP2D_IM_960
YEAR 2011	-----							
YEAR 2012	-----	0	0	0	0	0	0	0
YEAR 2013	-----							
YEAR 2014	-----							
YEAR 2015	-----							
YEAR 2016	-----							
YEAR 2017	-----							
YEAR 2018	-----							
YEAR 2019	-----							
YEAR 2020	-----							
YEAR 2021	-----							
YEAR 2022	-----							
YEAR 2023	-----							
YEAR 2024	-----							
YEAR 2025	-----							
YEAR 2026	-----							
YEAR 2027	-----							
YEAR 2028	-----							
YEAR 2029	-----							
YEAR 2030	-----							
YEAR 2031	-----							
YEAR 2032	-----							
YEAR 2033	-----							
YEAR 2034	-----							
YEAR 2035	-----							
YEAR 2036	-----							
YEAR 2037	-----							
YEAR 2038	-----							
YEAR 2039	-----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 5													
		MAY													
		961	962	963	964	965	966	967	968	969	970	971	972	973	974
		CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RP1D_03	RP1D_KP	BS2_Fed	CR2_NGCC	CR1_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		961	962	963	964	965	966	967	968	969	970	971	972	973	974
		DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	SEASON 5	500	501	502	503	958	959	960							
YEAR 2012	SEASON 5	0	0	0	0	958	959	960							
YEAR 2013	SEASON 5	0	0	0	0	958	959	960							
YEAR 2014	SEASON 5	0	0	0	0	958	959	960							
YEAR 2015	SEASON 5	0	0	0	0	958	959	960							
YEAR 2016	SEASON 5	0	0	0	0	958	959	960							
YEAR 2017	SEASON 5	0	0	0	0	958	959	960							
YEAR 2018	SEASON 5	0	0	0	0	958	959	960							
YEAR 2019	SEASON 5	0	0	0	0	958	959	960							
YEAR 2020	SEASON 5	0	0	0	0	958	959	960							
YEAR 2021	SEASON 5	0	0	0	0	958	959	960							
YEAR 2022	SEASON 5	0	0	0	0	958	959	960							
YEAR 2023	SEASON 5	0	0	0	0	958	959	960							
YEAR 2024	SEASON 5	0	0	0	0	958	959	960							
YEAR 2025	SEASON 5	0	0	0	0	958	959	960							
YEAR 2026	SEASON 5	0	0	0	0	958	959	960							
YEAR 2027	SEASON 5	0	0	0	0	958	959	960							
YEAR 2028	SEASON 5	0	0	0	0	958	959	960							
YEAR 2029	SEASON 5	0	0	0	0	958	959	960							
YEAR 2030	SEASON 5	0	0	0	0	958	959	960							
YEAR 2031	SEASON 5	0	0	0	0	958	959	960							
YEAR 2032	SEASON 5	0	0	0	0	958	959	960							
YEAR 2033	SEASON 5	0	0	0	0	958	959	960							
YEAR 2034	SEASON 5	0	0	0	0	958	959	960							
YEAR 2035	SEASON 5	0	0	0	0	958	959	960							
YEAR 2036	SEASON 5	0	0	0	0	958	959	960							
YEAR 2037	SEASON 5	0	0	0	0	958	959	960							
YEAR 2038	SEASON 5	0	0	0	0	958	959	960							
YEAR 2039	SEASON 5	0	0	0	0	958	959	960							
YEAR 2040	SEASON 5	0	0	0	0	958	959	960							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 5		MAY						
	YEAR	HEAT RATE	982 DUMMY_OP	983 DUMMY_OP	984 DUMMY_OP	985 DUMMY_OP	986 DUMMY_OP	987 DUMMY_OP	988 DUMMY_OP
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 5		MAY						
SEASONAL HEAT RATE PROFITE			982 DUMMY_OP	983 DUMMY_OP	984 DUMMY_OP	985 DUMMY_OP	986 DUMMY_OP	987 DUMMY_OP	988 DUMMY_OP
YEAR 2011									
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

YEAR	HEAT RATE PROFILE	SEASON 5	MAY	989	990	991	992	993	994	995
YEAR 2033	-----									
YEAR 2034	-----									
YEAR 2035	-----									
YEAR 2036	-----									
YEAR 2037	-----									
YEAR 2038	-----									
YEAR 2039	-----									
YEAR 2040	-----									
THERMAL UNIT										
=====										
YEAR 2011	-----			989	990	991	992	993	994	995
SEASONAL HEAT RATE PROFILE				DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2012	-----			989	990	991	992	993	994	995
YEAR 2013	-----			0	0	0	0	0	0	0
YEAR 2014	-----									
YEAR 2015	-----									
YEAR 2016	-----									
YEAR 2017	-----									
YEAR 2018	-----									
YEAR 2019	-----									
YEAR 2020	-----									
YEAR 2021	-----									
YEAR 2022	-----									
YEAR 2023	-----									
YEAR 2024	-----									
YEAR 2025	-----									
YEAR 2026	-----									
YEAR 2027	-----									
YEAR 2028	-----									
YEAR 2029	-----									
YEAR 2030	-----									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 6	JUNE				
		CARD 1+2 2	CARD 3 3	CLIFTY 1	CLIFTY 2	CLIFTY 3
YEAR 2011		0	0	0	0	0
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT	SEASON 6	JUNE					
		CLIFTY 15 6	CLINCH R 16 1	CLINCH R 17 2	CLINCH R 18 3	ROCKP RP 19 1	ROCKP RP 20 2
YEAR 2011		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	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011																
YEAR 2012																
YEAR 2013																
YEAR 2014																
YEAR 2015																
YEAR 2016																
YEAR 2017																
YEAR 2018																
YEAR 2019																
YEAR 2020																
YEAR 2021																

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF,INPOT, THERMAL UNIT.

-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	
THERMAL UNIT		SEASON 6		JUNE																									
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		CSVL 1-4	22		CSVL 5+6	23		CSVL 5+6	24		D C COOK	25		D C COOK	26		GAVIN	27		GAVIN	28								
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YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	THERMAL UNIT					SEASON 6	JUNE													
					KYGER 38	KYGER 39	KYGER 40	KYGER 41	KYGER 42	MITCHELL 43	MITCHELL 44													
					1	2	3	4	5	1	2													
SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2026	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2028	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2029	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2030	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2031	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE PROFILE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2014	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2016	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2021	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

SEASON	6	JUNE
CEREDO 1	75	75
CEREDO 2	76	76
CEREDO 3	77	77
CEREDO 4	78	78
CEREDO 5	79	79
CEREDO 6	80	80
DARBY 1	81	81

YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	JUNE	102	103	104	105	106	107	108
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON	JUNE	102	103	104	105	106	107	108
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON	JUNE	109	110	111	114	115	124	125
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									

YEAR	SEASON	JUNE	MTW_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTW_18%	CC_FA_KP
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT									

SEASONAL HEAT RATE PROFILE	6		147	148	149	150	151	153	154
YEAR 2011			1	1	2	1	2	1	1
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013									

SEASONAL HEAT RATE PROFILE			150	0	0	0	0	150	0
YEAR 2014									
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2015									
SEASONAL HEAT RATE PROFILE			0	0	0	0	0	0	0
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR 2040	SEASON 6	JUNE	CC_KPCO 1	BS2_FGD 1	BS2_FGD 5	BS2_FGD 22	BS2_FGD 23	IGCC_AP 1	PC_UL_AP 1
YEAR 2011	SEASONAL HEAT RATE PROFITE	0	0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	SEASON 6	JUNE
YEAR 2038		
YEAR 2039		
YEAR 2040		
-----	-----	-----
THermal UNIT	SEASON 6	JUNE
-----	-----	-----
CC_KPCO	162	163
BS2 FGD	1	1
BS2 FGD	5	5
BS2 FGD	22	22
BS2 FGD	23	23
IGCC AP	1	1
PC_UL_AP	1	1

YEAR	SEASON 6	JUNE
YEAR 2011		
YEAR 2012		
YEAR 2013		
YEAR 2014		
YEAR 2015		
YEAR 2016		
YEAR 2017		
YEAR 2018		
YEAR 2019		
YEAR 2020		
YEAR 2021		
YEAR 2022		
YEAR 2023		
YEAR 2024		
YEAR 2025		
YEAR 2026		
YEAR 2027		
YEAR 2028		
YEAR 2029		
YEAR 2030		
YEAR 2031		
YEAR 2032		
YEAR 2033		
YEAR 2034		
YEAR 2035		
YEAR 2036		
YEAR 2037		
YEAR 2038		
YEAR 2039		
YEAR 2040		
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THermal UNIT	SEASON 6	JUNE
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Nuke AP	170	171
IGCC IM	1	1
PC_UL_IM	1	1
NUKE_IM	1	1
IGCC KP	1	1
PC_UL_KP	1	1
NUKE_KP	1	1

YEAR	SEASON 6	JUNE
YEAR 2011		
YEAR 2012		
YEAR 2013		
YEAR 2014		
YEAR 2015		
YEAR 2016		
YEAR 2017		
YEAR 2018		
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THermal UNIT	SEASON 6	JUNE
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IGCC OH	177	178
PC_UL_OH	1	1
NUKE OH	1	1
RPID_03	1	1
RPID_04	1	1
RPID_08	1	1
RPID_20	1	1

YEAR	SEASON 6	JUNE
YEAR 2011		
YEAR 2012		
YEAR 2013		
YEAR 2014		
YEAR 2015		
YEAR 2016		
YEAR 2017		
YEAR 2018		
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SEASONAL HEAT RATE PROFILE		
YEAR 2011	0	0
YEAR 2012	0	0
YEAR 2013	0	0
YEAR 2014	0	0
YEAR 2015	0	0
YEAR 2016	0	0
YEAR 2017	0	0
YEAR 2018	0	0

----- YEAR 2019 -----
 ----- YEAR 2020 -----
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 ----- YEAR 2022 -----
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 ----- YEAR 2031 -----
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 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	SEASON 6	JUNE	186	187	188	189	190	191	223
			RP1TR_TM	RP2TR_TM	RP1TR_KP	RP2TR_KP	T4_TROWA	T4_TRCCR	MR_STRI
			1	2	1	2	4	4	1
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2031	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

THERMAL UNIT	SEASON	6	JUNE	-----	-----	-----	-----	-----	-----	-----
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SEASONAL HEAT RATE PROFILE	YEAR 2011	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2014	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2016	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2017	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2018	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2019	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2021	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2024	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2025	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2026	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	YEAR 2028	-----	-----	-----	-----	-----	-----	-----	-----	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

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RPT1_SI	234	RPT2_SI	235	DC1_HPT	251	DC1_IS	252	DC1_BFF	253
1	0	2	0	1	0	1	0	1	0
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DC1_17	254	DC1_3800	255	-----	-----	-----	-----	-----	-----
1	0	1	0	-----	-----	-----	-----	-----	-----

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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		SEASON 6		JUNE				
SEASONAL HEAT RATE PROFILE	YEAR 2011	279	280	281	282	283	284	285
	YEAR 2012	5	5	6	6	1	1	2
	YEAR 2013							
	YEAR 2014							
	YEAR 2015							
	YEAR 2016							
	YEAR 2017							
	YEAR 2018							
	YEAR 2019							
	YEAR 2020							
	YEAR 2021							
	YEAR 2022							
	YEAR 2023							
	YEAR 2024							
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	YEAR 2026							
	YEAR 2027							
	YEAR 2028							
	YEAR 2029							
	YEAR 2030							
	YEAR 2031							
	YEAR 2032							
	YEAR 2033							
	YEAR 2034							
	YEAR 2035							
	YEAR 2036							
	YEAR 2037							
	YEAR 2038							
	YEAR 2039							
	YEAR 2040							

THERMAL UNIT		SEASON 6		JUNE				
SEASONAL HEAT RATE PROFILE	YEAR 2011	286	287	288	289	290	291	292
	YEAR 2012	2	3	3	1	1	2	2
	YEAR 2013							
	YEAR 2014							
	YEAR 2015							
	YEAR 2016							
	YEAR 2017							
	YEAR 2018							
	YEAR 2019							
	YEAR 2020							
	YEAR 2021							
	YEAR 2022							
	YEAR 2023							
	YEAR 2024							

YEAR	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	SEASON 6	JUNE	SP3_Q_HM 307	SP3_Q_15 308	SP4_Q_HM 309	SP4_Q_15 310	SP5_HM 311	SP5_15 312	TNR_F_HM 313
SEASONAL HEAT RATE PROFILE						0	0	0	0	0	0	0
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023
YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034		

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 6		JUNE	
YEAR 2035		SP3_Q_HM 307	SP3_Q_15 308	SP4_Q_HM 309	SP4_Q_15 310
YEAR 2036				SP5_HM 311	SP5_15 312
YEAR 2037					TNR_F_HM 313
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT		SEASON 6		JUNE	
YEAR 2011		TNR_F_15 314	TNR_F_HM 315	TNR_F_15 316	TNR_F_HM 317
YEAR 2012					TNR_F_15 318
YEAR 2013					PW_GP_15 319
YEAR 2014					RH1115 320
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT		SEASON 6		JUNE	
YEAR 2011		DUMMY_OP 500	DUMMY_IM 501	DUMMY_AP 502	DUMMY_KP 503
YEAR 2012					CC_KPCO 958
YEAR 2013					RP2D_KP 959
YEAR 2014					RP2D_IM 960
YEAR 2015					

YEAR	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF_INPOT.THERMAL UNIT.

-----	YEAR 2014	-----	YEAR 2015	-----	YEAR 2016	-----	YEAR 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----
THERMAL UNIT	961	962	963	964	965	966	967	968	969	970	971	972	973	974	961	962	963	964	965	966	967	968	969	970	971	972	973	974
-----	CVS6_SCR_961	CVS5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RPID_03_965	RPID_KP_966	BS2_FGD_967	CR2_NGCC_968	CR1_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972	DUMMY_OP_973	DUMMY_OP_974	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2012	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2013	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2014	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2015	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2016	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2017	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2018	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2019	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2020	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2021	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2022	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2023	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2024	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						
YEAR 2025	975	976	977	978	979	980	981						
-----	-----	-----	-----	-----	-----	-----	-----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040
THERMAL UNIT	975	976	977	978	979	980	981	975	976	977	978	979	980	981	975	976	977	978	979	980	981	975	976	977	978	979	980	981	
DUMMY OP	975	976	977	978	979	980	981	975	976	977	978	979	980	981	975	976	977	978	979	980	981	975	976	977	978	979	980	981	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	
JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
982	983	984	985	986	987	988	982	983	984	985	986	987	988	982	983	984	985	986	987	988	982	983	984	985	986	987	988	982	
DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	
982	983	984	985	986	987	988	982	983	984	985	986	987	988	982	983	984	985	986	987	988	982	983	984	985	986	987	988	982	
DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	
SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE		

YEAR 2040	YEAR 2041	YEAR 2042	YEAR 2043	YEAR 2044	YEAR 2045	YEAR 2046	YEAR 2047	YEAR 2048	YEAR 2049	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037
SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE	SEASONAL HEAT RATE
UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT
SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6	SEASON 6
JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE
989	989	990	991	992	993	994	995										
DUMMY_OP_989	DUMMY_OP_989	DUMMY_OP_990	DUMMY_OP_991	DUMMY_OP_992	DUMMY_OP_993	DUMMY_OP_994	DUMMY_OP_995										
585	585	590	591	592	593	594	595										
0	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.

THERMAL UNIT		SEASON 6							JUNE											
YEAR 2038																				
YEAR 2039																				
YEAR 2040																				

THERMAL UNIT		SEASON 6							JUNE											
YEAR 2011																				
YEAR 2012																				
YEAR 2013																				
YEAR 2014																				
YEAR 2015																				
YEAR 2016																				
YEAR 2017																				
YEAR 2018																				
YEAR 2019																				
YEAR 2020																				
YEAR 2021																				
YEAR 2022																				
YEAR 2023																				
YEAR 2024																				
YEAR 2025																				
YEAR 2026																				
YEAR 2027																				
YEAR 2028																				
YEAR 2029																				
YEAR 2030																				
YEAR 2031																				
YEAR 2032																				
YEAR 2033																				
YEAR 2034																				
YEAR 2035																				
YEAR 2036																				
YEAR 2037																				
YEAR 2038																				
YEAR 2039																				
YEAR 2040																				

THERMAL UNIT		SEASON 7							JULY											
YEAR 2011																				
YEAR 2012																				
YEAR 2013																				
YEAR 2014																				
YEAR 2015																				
YEAR 2016																				
YEAR 2017																				
YEAR 2018																				

THERMAL UNIT		SEASON 7							JULY											
YEAR 2011																				
YEAR 2012																				
YEAR 2013																				
YEAR 2014																				
YEAR 2015																				
YEAR 2016																				
YEAR 2017																				
YEAR 2018																				

THERMAL UNIT		SEASON 7							JULY											
YEAR 2011																				
YEAR 2012																				
YEAR 2013																				
YEAR 2014																				
YEAR 2015																				
YEAR 2016																				
YEAR 2017																				
YEAR 2018																				

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 7	JULY						
		CARD 1+2 8 2	CARD 3 9 3	CLIFTY 10 1	CLIFTY 11 2	CLIFTY 12 3	CLIFTY 13 4	CLIFTY 14 5
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 7	JULY						
		CLIFTY 15 6	CLINCH R 16 1	CLINCH R 17 2	CLINCH R 18 3	ROCKP_KP 19 _1	ROCKP_KP 20 _2	CSVL 1-4 21 3
YEAR 2011								
SEASONAL HEAT RATE PROFILE								
YEAR 2012		0	0	0	0	0	0	0
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
-----	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0

----- THERMAL UNIT ----- SEASON 7 JULY -----
 =====
 ROCKP_IM 59
 2 STUART 61
 1 STUART 62
 2 STUART 63
 3 STUART 64
 4 AMOS_AP 65
 3 TRANN 1-3 66
 1

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	SEASON	JULY
YEAR 2035	7	75
YEAR 2036	7	76
YEAR 2037	7	77
YEAR 2038	7	78
YEAR 2039	7	79
YEAR 2040	7	80
		DARBY
		81
		1
		0
YEAR 2011		0
YEAR 2012		0
YEAR 2013		0
YEAR 2014		0
YEAR 2015		0
YEAR 2016		0
YEAR 2017		0
YEAR 2018		0
YEAR 2019		0
YEAR 2020		0
YEAR 2021		0
YEAR 2022		0
YEAR 2023		0
YEAR 2024		0
YEAR 2025		0
YEAR 2026		0
YEAR 2027		0
YEAR 2028		0
YEAR 2029		0
YEAR 2030		0
YEAR 2031		0
YEAR 2032		0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 7		JULY	
---	YEAR 2033	---	---	---	---
---	YEAR 2034	---	---	---	---
---	YEAR 2035	---	---	---	---
---	YEAR 2036	---	---	---	---
---	YEAR 2037	---	---	---	---
---	YEAR 2038	---	---	---	---
---	YEAR 2039	---	---	---	---
---	YEAR 2040	---	---	---	---

THERMAL UNIT		SEASON 7		JULY	
---	YEAR 2033	---	---	---	---
---	YEAR 2034	---	---	---	---
---	YEAR 2035	---	---	---	---
---	YEAR 2036	---	---	---	---
---	YEAR 2037	---	---	---	---
---	YEAR 2038	---	---	---	---
---	YEAR 2039	---	---	---	---
---	YEAR 2040	---	---	---	---

THERMAL UNIT		SEASON 7		JULY	
---	YEAR 2011	---	---	---	---
---	YEAR 2012	---	---	---	---
---	YEAR 2013	---	---	---	---
---	YEAR 2014	---	---	---	---
---	YEAR 2015	---	---	---	---
---	YEAR 2016	---	---	---	---
---	YEAR 2017	---	---	---	---
---	YEAR 2018	---	---	---	---
---	YEAR 2019	---	---	---	---
---	YEAR 2020	---	---	---	---
---	YEAR 2021	---	---	---	---
---	YEAR 2022	---	---	---	---
---	YEAR 2023	---	---	---	---
---	YEAR 2024	---	---	---	---
---	YEAR 2025	---	---	---	---
---	YEAR 2026	---	---	---	---
---	YEAR 2027	---	---	---	---
---	YEAR 2028	---	---	---	---
---	YEAR 2029	---	---	---	---
---	YEAR 2030	---	---	---	---
---	YEAR 2031	---	---	---	---
---	YEAR 2032	---	---	---	---
---	YEAR 2033	---	---	---	---
---	YEAR 2034	---	---	---	---
---	YEAR 2035	---	---	---	---
---	YEAR 2036	---	---	---	---
---	YEAR 2037	---	---	---	---
---	YEAR 2038	---	---	---	---
---	YEAR 2039	---	---	---	---
---	YEAR 2040	---	---	---	---

THERMAL UNIT		SEASON 7		JULY	
---	YEAR 2011	---	---	---	---
---	YEAR 2012	---	---	---	---
---	YEAR 2013	---	---	---	---

THERMAL UNIT		SEASON 7		JULY	
---	YEAR 2011	---	---	---	---
---	YEAR 2012	---	---	---	---
---	YEAR 2013	---	---	---	---

----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR 2038	YEAR 2039	YEAR 2040	THERMAL UNIT		SEASON 7	JULY						
						MTN_90%	RPT1_90%	RPT2_90%	GVL_90%	GV2_90%	MTN_18%	CC_FA_KP
						1	1	2	1	2	1	1
SEASONAL HEAT RATE PROFILE	YEAR 2011	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2012	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2013	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2014	150	0	0	0	0	0	0	0	0	150	0
SEASONAL HEAT RATE PROFILE	YEAR 2015	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2016	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2017	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2018	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2019	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2020	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2021	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2022	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2023	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2024	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2025	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2026	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2027	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2028	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2029	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2030	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2031	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2032	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2033	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	YEAR 2034	0	0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 7	JULY	147	148	149	150	151	153	154	
YEAR 2035	MTN_90%	1	RPT1_90%	1	RPT2_90%	2	GVL_90%	1	GV2_90%	2
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON 7	JULY	155	156	157	158	159	160	161	
YEAR 2011	CT_OHTO	1	CC_OH	1	CT_1EM	1	CC_1EM	1	CT_ARPCO	1
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
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YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON 7	JULY	162	163	164	165	166	168	169	
YEAR 2011	CC_KPCO	1	BS2_FGD	1	BS2_FGD	5	BS2_FGD	22	BS2_FGD	23
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										

YEAR	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE													
YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	JULY	186	187	188	189	190	191	223
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON	JULY	224	228	229	230	231	232	233
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE PROFILE	MR_STRK2	AMS3_ST	BS2_ST	MR5_CF	MR5_ST	RPT1_CF	RPT2_CF
YEAR 2011	224	228	229	230	231	232	233
YEAR 2012	1	3	2	5	5	1	2
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

YEAR 2010	SEASON 7	JULY	234	235	251	252	253	254	255
SEASONAL HEAT RATE PROFILE	RPT1_SI	RPT2_SI	DC1_HPR	DC1_IS	DC1_PFF	DC1_17	DC1_3800		
YEAR 2011	1	2	1	1	1	1	1	1	1
YEAR 2012	0	0	0	0	0	0	0	0	0
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
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YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 7	JULY	234	235	251	252	253	254	255
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT	SEASON 7	JULY	RPT1_SI	RPT2_SI	DC1_HPT	DC1_IS	DC1_EFF	DC1_17	DC1_3800
YEAR 2011			234	235	251	252	253	254	255
YEAR 2012			1	2	1	1	1	1	1

THERMAL UNIT	SEASON 7	JULY	257	258	259	260	269	270	271
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
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YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 7	JULY	272	273	274	275	276	277	278
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
THERMAL UNIT	SEASON 7	JULY	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CIN_Q_HM	CIN_Q_15	CVE_3_HM	CVE_3_10
YEAR 2011			272	273	274	275	276	277	278
YEAR 2012			1	2	2	3	3	3	3
YEAR 2013			0	0	0	0	0	0	0
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									

----- YEAR 2019 -----
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SEASONAL HEAT RATE PROFILE	SEASON 7	JULY	GIN_5_HM_5	GIN_5_15_5	GIN_6_HM_6	GIN_6_15_6	KMR_F_HM_1	KMR_F_GP_1	KMR_F_HM_2
YEAR 2011			279	280	281	282	283	284	285
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 7	JULY	279	280	281	282	283	284	285
			GLN_5_HM 5	GLN_5_15 5	GLN_6_HM 6	GLN_6_15 6	KWR_F_HM 1	KWR_F_GP 1	KWR_F_HM 2
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
=====									
THERMAL UNIT	SEASON 7	JULY	286	287	288	289	290	291	292
			KWR_F_GP 2	KWR_F_HM 3	KWR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KWA_2_15 2
YEAR 2011									
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									

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 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

 THERMAL UNIT SEASON 7 JULY -----

SEASONAL HEAT RATE PROFILE	961 CSV6_SCR 961	962 CSV5_SCR 962	963 DUMMY_OP 963	964 DUMMY_OP 964	965 RP1D_03 965	966 RP1D_KP 966	967 BS2_FGD 967
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	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.

THERMAL UNIT	SEASON 7	JULY	SEASON 7	JULY	SEASON 7	JULY	SEASON 7	JULY	SEASON 7	JULY	SEASON 7	JULY	SEASON 7	JULY
YEAR 2023			961	962	963	964	965	966	967					
YEAR 2024			CSV6_SGR_961	CSV5_SGR_962	DUMMY_OP_963	DUMMY_OP_964	RPID_Q3_965	RPID_KP_966	BS2_FGD_967					
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														

THERMAL UNIT SEASON 7 JULY

968	969	970	971	972	973	974
CR2_NGCC_968	CR1_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972	DUMMY_OP_973	DUMMY_OP_974

SEASONAL HEAT RATE PROFILE

YEAR 2011	0
YEAR 2012	0
YEAR 2013	0
YEAR 2014	0
YEAR 2015	0
YEAR 2016	0
YEAR 2017	0
YEAR 2018	0
YEAR 2019	0
YEAR 2020	0
YEAR 2021	0
YEAR 2022	0
YEAR 2023	0
YEAR 2024	0
YEAR 2025	0
YEAR 2026	0
YEAR 2027	0
YEAR 2028	0
YEAR 2029	0
YEAR 2030	0
YEAR 2031	0
YEAR 2032	0
YEAR 2033	0
YEAR 2034	0
YEAR 2035	0
YEAR 2036	0

YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	THERMAL UNIT																				
				SEASON 7																				
				JULY																				
				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														
				0	0	0	0	0	0	0														
				SEASONAL HEAT RATE PROFILE																				
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE																									
YEAR 2011																									
YEAR 2012																									
YEAR 2013																									

SEASON	7	JULY
THERMAL UNIT		
T4_TRONA	996	997
RP2TR_KP	996	998
RP2TR_IM		999
DUMMY_OP		999
SEASONAL HEAT RATE PROFILE	0	0
YEAR 2011		
YEAR 2012		
YEAR 2013		

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 7		JULY								
	996	997	997	998	998	999					
	T4_TRONA	RP2TR_KP	RP2TR_KP	RP2TR_IM	DUMMY_OP						
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT	SEASON 8		AUGUST								
	1	2	3	3	4	5	6	7			
	AMOS	AMOS	AMOS_OP	AMOS_OP	BECKJORD	BIG SAND	BIG SAND	CARD 1+2			
YEAR 2011	1	2	3	3	4	5	6	7			
SEASONAL HEAT RATE PROFILE	1	2	3	3	4	5	6	7			
YEAR 2012	0	0	0	0	0	0	0	0			
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											

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 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT		SEASON 8		AUGUST						
		CARD 1+2	CARD 3	CLIFFY 1	CLIFFY 2	CLIFFY 3	CLIFFY 4	CLIFFY 5		
YEAR 2011	SEASONAL HEAT RATE PROFILE	8	9	10	11	12	13	14		
YEAR 2012		2	3	1	2	3	4	5		
YEAR 2013		0	0	0	0	0	0	0		
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR 2040	SEASON 8	AUGUST	22	23	24	25	26	27	28
SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2
YEAR 2011			0	0	0	0	0	0	19
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013			0	0	0	0	0	0	0
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	8	AUGUST	52	53	54	55	56	57	58
	MOUNT_ER	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	RRPET_TM	RRUN_TM
YEAR 2016	45	46	47	48	49	50	51			
YEAR 2017	45	46	47	48	49	50	51			
YEAR 2018	45	46	47	48	49	50	51			
YEAR 2019	45	46	47	48	49	50	51			
YEAR 2020	45	46	47	48	49	50	51			
YEAR 2021	45	46	47	48	49	50	51			
YEAR 2022	45	46	47	48	49	50	51			
YEAR 2023	45	46	47	48	49	50	51			
YEAR 2024	45	46	47	48	49	50	51			
YEAR 2025	45	46	47	48	49	50	51			
YEAR 2026	45	46	47	48	49	50	51			
YEAR 2027	45	46	47	48	49	50	51			
YEAR 2028	45	46	47	48	49	50	51			
YEAR 2029	45	46	47	48	49	50	51			
YEAR 2030	45	46	47	48	49	50	51			
YEAR 2031	45	46	47	48	49	50	51			
YEAR 2032	45	46	47	48	49	50	51			
YEAR 2033	45	46	47	48	49	50	51			
YEAR 2034	45	46	47	48	49	50	51			
YEAR 2035	45	46	47	48	49	50	51			
YEAR 2036	45	46	47	48	49	50	51			
YEAR 2037	45	46	47	48	49	50	51			
YEAR 2038	45	46	47	48	49	50	51			
YEAR 2039	45	46	47	48	49	50	51			
YEAR 2040	45	46	47	48	49	50	51			

THERMAL UNIT SEASON 8 AUGUST

	52	53	54	55	56	57	58
	P SPOBN	P SPOBN	P SPOBN	P SPOBN	PICMAX	RRPET_TM	RRUN_TM
52	2	3	4	5	5	1	1
53	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE

YEAR 2011	0
YEAR 2012	0
YEAR 2013	0
YEAR 2014	0
YEAR 2015	0
YEAR 2016	0
YEAR 2017	0
YEAR 2018	0
YEAR 2019	0
YEAR 2020	0
YEAR 2021	0
YEAR 2022	0
YEAR 2023	0
YEAR 2024	0
YEAR 2025	0
YEAR 2026	0
YEAR 2027	0
YEAR 2028	0
YEAR 2029	0

YEAR	HEAT RATE	PROFITE	ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

SEASONAL HEAT RATE	PROFITE		ROCKP_IM	STUART	STUART	STUART	STUART	STUART	AMOS_AP	TANN
YEAR 2011			59	61	62	63	64	65	66	
YEAR 2012			2	1	2	3	4	3	1-3	1
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

SEASONAL HEAT RATE PROFILE	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
-----	75	76	77	78	79	80	81	82	83	84
-----	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1			
-----	1	2	3	4	5	6	1			

-----	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
-----	82	83	84	85	86	87	88	89	90	91
-----	DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	LMBG WIN 1	LMBG WIN 2			
-----	2	3	4	5	6	1	2			
-----	0	0	0	0	0	0	0			

-----	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
-----	89	90	91	92	93	94	101			
-----	LMBG SMR 1	LMBG SMR 2	WATR CC 1	WATR2 1	DRESDEN 1	DRESID2 1	NUCLEAR 1			
-----	1	2	1	1	1	1	1			
-----	0	0	0	0	0	0	0			

-----	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
-----	0	0	0	0	0	0	0			

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON	8	AUGUST	102	103	104	105	106	107	108
				DPC_NCCS	Pc_UL_SU	DPC_RCCS	IGC_NCCS	IGCC GE	IGC_RCCS	CC ZXIFB
				1	1	1	1	1	1	1
-----	YEAR 2011	-----	-----	0	0	0	0	0	0	0
-----	YEAR 2012	-----	-----							
-----	YEAR 2013	-----	-----							
-----	YEAR 2014	-----	-----							
-----	YEAR 2015	-----	-----							
-----	YEAR 2016	-----	-----							
-----	YEAR 2017	-----	-----							
-----	YEAR 2018	-----	-----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	HEAT RATE PROFILE	SEASON 8	AUGUST	CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MR5_NGCC	MR5_FGD	RPID_TM
YEAR 2033	-----									
YEAR 2034	-----									
YEAR 2035	-----									
YEAR 2036	-----									
YEAR 2037	-----									
YEAR 2038	-----									
YEAR 2039	-----									
YEAR 2040	-----									

SEASONAL HEAT RATE PROFILE		SEASON 8	AUGUST	126	127	129	130	131	132	133
YEAR 2011	-----			5	6	1	2	5	5	1
YEAR 2012	-----			0	0	0	0	0	0	0
YEAR 2013	-----									
YEAR 2014	-----									
YEAR 2015	-----									
YEAR 2016	-----									
YEAR 2017	-----									
YEAR 2018	-----									
YEAR 2019	-----									
YEAR 2020	-----									
YEAR 2021	-----									
YEAR 2022	-----									
YEAR 2023	-----									
YEAR 2024	-----									
YEAR 2025	-----									
YEAR 2026	-----									
YEAR 2027	-----									
YEAR 2028	-----									
YEAR 2029	-----									
YEAR 2030	-----									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUES CHANGED FROM PREVIOUS YEAR.

4-Company East Optimization

-----	YEAR 2012	-----							
-----	YEAR 2013	-----							
-----	YEAR 2014	-----							
SEASONAL	HEAT RATE	PROFILE	150	0	0	0	0	150	0
-----	YEAR 2015	-----							
SEASONAL	HEAT RATE	PROFILE	0	0	0	0	0	0	0
-----	YEAR 2016	-----							
-----	YEAR 2017	-----							
-----	YEAR 2018	-----							
-----	YEAR 2019	-----							
-----	YEAR 2020	-----							
-----	YEAR 2021	-----							
-----	YEAR 2022	-----							
-----	YEAR 2023	-----							
-----	YEAR 2024	-----							
-----	YEAR 2025	-----							
-----	YEAR 2026	-----							
-----	YEAR 2027	-----							
-----	YEAR 2028	-----							
-----	YEAR 2029	-----							
-----	YEAR 2030	-----							
-----	YEAR 2031	-----							
-----	YEAR 2032	-----							
-----	YEAR 2033	-----							
-----	YEAR 2034	-----							
-----	YEAR 2035	-----							
-----	YEAR 2036	-----							
-----	YEAR 2037	-----							
-----	YEAR 2038	-----							
-----	YEAR 2039	-----							
-----	YEAR 2040	-----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	SEASON 8	AUGUST	170	171	172	173	174	175	176
			Nuke_AP	IGCC IM	PC_UL_IM	NUKE_IM	IGCC KP	PC_UL_KP	NUKE_KP
			1	1	1	1	1	1	1
YEAR 2011			170	171	172	173	174	175	176
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	8	AUGUST	170	171	172	173	174	175	176
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	8	AUGUST	177	178	179	181	182	183	184
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										

YEAR	SEASON	8	AUGUST	186	187	188	189	190	191	223
YEAR	SEASONAL HEAT RATE PROFILE	RP1TR_TM	RP2TR_TM	RP1TR_KP	RP2TR_KP	T4_TROWA	T4_TRCCR	MR_SIKR1		
YEAR	UNIT	1	2	1	2	4	4	1		
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	8	AUGUST	186	187	188	189	190	191	223
	RP1TR_IM	RP2TR_IM	RP1TR_KP	RP2TR_KP	T4_THRMA	T4_TRCCR	MR_STKRI			
YEAR 2035	1	2	1	2	4	4	1			
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	8	AUGUST	224	228	229	230	231	232	233
	MR_STKR2	AMS3_ST	BS2_ST	MRS_CF	MRS_ST	RP1L_CF	RP1L_CF	RP2L_CF		
YEAR 2011	0	3	2	5	5	1	1	2		
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	8	AUGUST	234	235	251	252	253	254	255
	RP1L_ST	RP2L_ST	DC1_HPT	DC1_IS	DC1_BFF	DC1_I7	DC1_3800			
YEAR 2011	1	2	1	1	1	1	1			
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										

YEAR	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE																									
PROFITE																									
DC2_HPT	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257
DC2_EFF	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DC2_SPU	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259
DC2_3800	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
BIGSD_15	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269
BIGSD_GP	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
CLN_Q_HM	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL.UNIT.

THERMAL UNIT	SEASON	8	AUGUST	257 DC2_HPF_2	258 DC2_HPF_2	259 DC2_SFU_2	260 DC2_3800_2	269 BIGSD_15_1	270 BIGSD_GP_1	271 CIN_Q_HM_1
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	8	AUGUST	272 CIN_Q_15_1	273 CIN_Q_HM_2	274 CIN_Q_15_2	275 CIN_Q_HM_3	276 CIN_Q_15_3	277 CVL_3_HM_3	278 CVL_3_10_3
YEAR 2011				0	0	0	0	0	0	0
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										

SEASONAL HEAT RATE PROFILE

YEAR	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011	279	280	281	282	283	284	285						
YEAR 2012													
YEAR 2013													
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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 8	AUGUST	279	280	281	282	283	284	285
	GLN_5_HM	GLN_5_15	GLN_6_HM	GLN_6_15	KMR_F_HM	KMR_F_GP	KMR_F_HM	KMR_F_GP	KMR_F_HM
YEAR 2026	5						1		
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT SEASON 8 AUGUST									
YEAR 2011	286	287	288	289	290	291	292		
SEASONAL HEAT RATE PROFILE	KMR_F_GP	KMR_F_HM	KMR_F_GP	KWA_1_HM	KWA_1_15	KWA_2_HM	KWA_2_15		
YEAR 2012	2	3	3	1	1	2	2		
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2039									

YEAR 2040	SEASON 8	AUGUST	293	294	295	296	297	298	299
YEAR 2011	MSKR1_HM_1	MSKR1_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HM_12_3	MSKR4_GP_4		
YEAR 2012	0	0	0	0	0	0	0	0	0
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	8	AUGUST	293	294	295	296	297	298	299
				MSKR1_HM_1	MSKR1_12_1	MSKR2_HM_2	MSKR2_12_2	MSKR3_GP_3	MR3HM_12_3	MSKR4_GP_4
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	8	AUGUST	300	301	302	303	304	305	306
				MAHM_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_2	SP2_F_15_2
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	8	AUGUST	307	308	309	310	311	312	313
				SP3_O_HM_3	SP3_O_15_3	SP4_O_HM_4	SP4_O_15_4	SP5_HM_5	SP5_15_5	TNR_F_HM_1
YEAR 2011										
YEAR 2012										
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020
0	0	0	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	8	AUGUST	314	315	316	317	318	319	320
				TNR_F_15	TNR_F_HM	TNR_F_15	TNR_F_HM	TNR_F_15	PW_GP_15	RHills
				1	2	2	3	3	5	1
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

----- THERMAL UNIT SEASON 8 AUGUST -----

SEASONAL HEAT RATE PROFILE	500	501	502	503	958	959	960
	DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KPCO	RP2D_KP	RP2D_IM
	0	0	0	0	958	959	960
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							

YEAR	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2031	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE PROFILE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	0	0	0	0	0	0	0	0	0	0
YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2014	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2016	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2021	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2024	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2025	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2026	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2028	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST		
YEAR 2029	961	962	963	964	965	966	967	968	969	970	971	972		
YEAR 2030	CSV6_SCR_961	CSV5_SCR_962	DUMMY_OP_963	DUMMY_OP_964	RP1D_02_965	RP1D_KP_966	BS2_F0D_967	CR2_NGCC_968	CR1_NGCC_969	MRS_NGCC_970	DUMMY_OP_971	DUMMY_OP_972	DUMMY_OP_973	DUMMY_OP_974
YEAR 2031								0	0	0	0	0	0	0
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														

THERMAL UNIT	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST	SEASON 8	AUGUST
YEAR 2011	975	976	977	978	979	980	981	982	983	984	985	986
YEAR 2012	DUMMY_OP_975	DUMMY_OP_976	DUMMY_OP_977	DUMMY_OP_978	DUMMY_OP_979	DUMMY_OP_980	DUMMY_OP_981	DUMMY_OP_982	DUMMY_OP_983	DUMMY_OP_984	DUMMY_OP_985	DUMMY_OP_986
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
YEAR 2029												
YEAR 2030												
YEAR 2031												
YEAR 2032												
YEAR 2033												
YEAR 2034												
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE																													
PROFITE																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 8 AUGUST -----

 T4_TRONA 996
 996
 RP2TR_KP 997
 597
 RP2TR_IM 998
 598
 DUMMY_OP 999
 599

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----

0 0 0 0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 8	AUGUST	SEASON 9	SEPTEMBER
	996	997	998	999
	T4_TRONA	RP2TR_KP	RP2TR_IM	DUMNY_OP
	996	997	998	999

----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT SEASON 9 SEPTEMBER

SEASONAL HEAT RATE PROFILE	1	2	3	4	5	6	7
	AMOS	AMOS	AMOS_OP	BECKJORD	BIG SAND 1	BIG SAND 2	CARD 1+2
----- YEAR 2011 -----	1	2	3	4	5	6	7
----- YEAR 2012 -----	0	0	0	0	0	0	0
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							
----- YEAR 2029 -----							
----- YEAR 2030 -----							
----- YEAR 2031 -----							
----- YEAR 2032 -----							
----- YEAR 2033 -----							
----- YEAR 2034 -----							
----- YEAR 2035 -----							
----- YEAR 2036 -----							

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== THERMAL UNIT SEASON 9 SEPTEMBER =====

YEAR	29	30	33	34	35	36	37
YEAR	GLN LYN	GLN LYN	KAMMER	KAMMER	KAMMER	KANBARA	KANBARA
HEAT RATE	5	6	1	2	3	1	2
PROFILE							
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 9 SEPTEMBER																		
	29 GLEN LYN 5	30 GLEN LYN 6	33 KAMMER 1	34 KAMMER 2	35 KAMMER 3	36 KANAWHA 1	37 KANAWHA 2	38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2					
YEAR 2014																			
YEAR 2015																			
YEAR 2016																			
YEAR 2017																			
YEAR 2018																			
YEAR 2019																			
YEAR 2020																			
YEAR 2021																			
YEAR 2022																			
YEAR 2023																			
YEAR 2024																			
YEAR 2025																			
YEAR 2026																			
YEAR 2027																			
YEAR 2028																			
YEAR 2029																			
YEAR 2030																			
YEAR 2031																			
YEAR 2032																			
YEAR 2033																			
YEAR 2034																			
YEAR 2035																			
YEAR 2036																			
YEAR 2037																			
YEAR 2038																			
YEAR 2039																			
YEAR 2040																			
THERMAL UNIT	SEASON 9 SEPTEMBER										38 KYGER 1	39 KYGER 2	40 KYGER 3	41 KYGER 4	42 KYGER 5	43 MITCHELL 1	44 MITCHELL 2		
SEASONAL HEAT RATE PROFILE																			
YEAR 2011																			
YEAR 2012																			
YEAR 2013																			
YEAR 2014																			
YEAR 2015																			
YEAR 2016																			
YEAR 2017																			
YEAR 2018																			
YEAR 2019																			
YEAR 2020																			
YEAR 2021																			
YEAR 2022																			
YEAR 2023																			
YEAR 2024																			
YEAR 2025																			
YEAR 2026																			
YEAR 2027																			

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	9	SEPTEMBER	45	46	47	48	49	50	51
				MOUNT_ER	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	MUSK_RVR	P_SPORN
YEAR 2025				1	1	2	3	4	5	1
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

----- YEAR 2040 -----

===== SEASON 9 SEPTEMBER =====

THERMAL UNIT	52	53	54	55	56	57	58
	P_SPORN	P_SPORN	P_SPORN	P_SPORN	PICWAY	RPRET_IM	RPRUN_IM
YEAR 2011	2	3	4	5	5	1	1
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

----- YEAR 2011 -----

----- YEAR 2012 -----

----- YEAR 2013 -----

----- YEAR 2014 -----

----- YEAR 2015 -----

----- YEAR 2016 -----

----- YEAR 2017 -----

----- YEAR 2018 -----

----- YEAR 2019 -----

----- YEAR 2020 -----

----- YEAR 2021 -----

----- YEAR 2022 -----

----- YEAR 2023 -----

----- YEAR 2024 -----

----- YEAR 2025 -----

----- YEAR 2026 -----

----- YEAR 2027 -----

----- YEAR 2028 -----

----- YEAR 2029 -----

----- YEAR 2030 -----

----- YEAR 2031 -----

----- YEAR 2032 -----

----- YEAR 2033 -----

----- YEAR 2034 -----

----- YEAR 2035 -----

----- YEAR 2036 -----

----- YEAR 2037 -----

----- YEAR 2038 -----

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	9	SEPTEMBER
YEAR 2037			
YEAR 2038			
YEAR 2039			
YEAR 2040			
THERMAL UNIT	SEASON	9	SEPTEMBER
ROCKE_TM	59	STUART	61
	2	STUART	62
		STUART	63
		STUART	64
		AMOS_AP	65
		TANN 1-3	66

		TANN 1-3	67	TANN 1-3	68	TANN 4	69	ZIMMER	70	ROBTMONE	71	ROBTMONE	72	ROBTMONE	73
			2		3		4		1		1		2		3
											162		162		162
YEAR 2011															
SEASONAL HEAT RATE PROFILE															
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															
YEAR 2024															
YEAR 2025															
YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
YEAR 2030															
YEAR 2031															
YEAR 2032															
YEAR 2033															
YEAR 2034															
YEAR 2035															
YEAR 2036															
YEAR 2037															
YEAR 2038															
YEAR 2039															
YEAR 2040															

THERMAL UNIT	SEASON	9	SEPTEMBER
YEAR 2011			
SEASONAL HEAT RATE PROFILE			
YEAR 2012			
YEAR 2013			
YEAR 2014			
YEAR 2015			
YEAR 2016			
YEAR 2017			

		CEREDO	75	CEREDO	76	CEREDO	77	CEREDO	78	CEREDO	79	CEREDO	80	DARBY	81
			1		2		3		4		5		6		1
			0		0		0		0		0		0		0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	9	SEPTEMBER	82	83	84	85	86	87	88
		DARBY	DARBY	DARBY	DARBY	DARBY	DARBY	LMBG WIN	LMBG WIN	LMBG WIN
YEAR 2016		2	3	4	5	6	1	2		
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT	SEASON	9	SEPTEMBER	89	90	91	92	93	94	101
		LMBG SMR	LMBG SMR	WATR CC	WATR2	DRESDEN	DRESID2	NUCLEAR		
YEAR 2011		1	2	1	1	1	1	1		1
YEAR 2012		0	0	0	0	0	0	0		0
YEAR 2013										
YEAR 2014										
YEAR 2015										
YEAR 2016										
YEAR 2017										
YEAR 2018										
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										

SEASONAL HEAT RATE PROFITE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YEAR	HEAT RATE PROFILE	UPC_NCCS	FC_UH_ST	UPC_RCCS	IGC_NCCS	IGCC_GB	IGC_RCCS	CC_2X1FB
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
THERMAL UNIT SEASON 9 SEPTEMBER								
SEASONAL HEAT RATE PROFILE		102	103	104	105	106	107	108
YEAR 2011		0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

4-Company East Optimization

SEASONAL HEAT RATE PROFILE	CSV5_SCR 5	CSV6_SCR 6	CR1_NGCC 1	CR2_NGCC 2	MR5_NGCC 5	MRS_FGD 5	RP1D_TM 1
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 9 SEPTEMBER									
		126	127	129	130	131	132	133	134	135	136
		CSV5_SCR	CSV6_SCR	CRI_NGCC	CR2_NGCC	MRS_NGCC	MRS_FGD	RPID_IM	RP2D_IM	TANA_FGD	RPID_KP
		5	6	1	2	5	5	1	2	4	1
		137	144	145	146	147	148	149	150	151	153
		RP2D_KP	TC4_ESP	A390%AP	A390%OP	MTN_90%	MTN_18%	CC_PA_KP	154	154	154
		1	2	3	3	1	1	1	1	1	1
YEAR 2011	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2012	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2013	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2014	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2015	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2016	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2017	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2018	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2019	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2020	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2021	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2022	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2023	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2024	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2025	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2026	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2027	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2028	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2029	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2030	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2031	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2032	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2033	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2034	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2035	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2036	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2037	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2038	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2039	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2040	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
THERMAL UNIT		147	148	149	150	151	153	154	147	148	149
		MTN_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MTN_18%	CC_PA_KP	1	1	1
		1	1	2	1	2	1	1	1	1	1
YEAR 2011	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2012	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2013	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2014	SEASONAL HEAT RATE PROFILE	45	0	0	0	0	45	0	0	0	0
YEAR 2015	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2016	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2017	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2018	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
YEAR 2019	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	-----	-----	-----
0	0	0	0	0	0	0	-----	-----	-----
1	1	1	1	1	1	1	-----	-----	-----
155	156	157	158	159	160	161	-----	-----	-----
CT_OHIO	CC_OH	CT_I&M	CC_I&M	CT_ARCO	CC_ARCO	CT_KPCO	-----	-----	-----
1	1	1	1	1	1	1	-----	-----	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT, THERMAL UNIT.

THERMAL UNIT	SEASON	9	SEPTEMBER	155	156	157	158	159	160	161
				CT_OHTO	CC_OH	CT_I&M	CC_I&M	CT_ARCO	CC_ARCO	CT_KPCO
YEAR 2018				1	1	1	1	1	1	1
YEAR 2019										
YEAR 2020										
YEAR 2021										
YEAR 2022										
YEAR 2023										
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

YEAR 2040

THERMAL UNIT SEASON 9 SEPTEMBER

CC_KPCO	162	BS2 FGD	163	BS2 FGD	164	BS2 FGD	165	BS2 FGD	166	IGCC AP	168	PC_UL_AP	169
1	1	1	1	5	22	23	1	1	1	1	1	1	

SEASONAL HEAT RATE PROFILE

YEAR 2011	0	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								

YEAR	HEAT RATE PROFILE	NUKE_AP	IGCC_IM	PC_UL_IM	NUKE_IM	IGCC_KP	PC_UL_KP	NUKE_KP
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
===== SEASON 9 SEPTEMBER =====								
SEASONAL HEAT RATE PROFILE	170	171	172	173	174	175	176	
YEAR 2011	0	0	0	0	0	0	0	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								

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.

YEAR	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
NUKE_AP	170	171	172	173	174	175	176				
IGCC IM	1	1	1	1	1	1	1				
PC_UL_IM											
NUKE_IM											
IGCC KP											
PC_UL_KP											
NUKE_KP											

===== SEASON 9 SEPTEMBER =====

SEASONAL HEAT RATE PROFILE	177	178	179	181	182	183	184
IGCC OH	1	1	1	1	1	1	1
PC_UL_OH							
NUKE OH							
RP1D_03							
RP1D_04							
RP1D_08							
RP1D_20							
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

===== SEASON 9 SEPTEMBER =====

THERMAL UNIT	186	187	188	189	190	191	223
RP1TR_IM	1	2	1	2	4	4	1
RP2TR_IM							
RP1TR_KP							
RP2TR_KP							
T4_TRONA							
T4_TRCCR							
MR_STKR1							

4-Company East Optimization

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASON	HEAT RATE	PROFIT	DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP	CIN_Q_HM
YEAR 2011			257	258	259	260	269	270	271
YEAR 2012			2	2	2	2	1	1	1
YEAR 2013			0	0	0	0	0	0	0
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040	THERMAL UNIT						
				SEASON 9 SEPTEMBER						
				GIN_5_5	GIN_5_15	GIN_6_6	GIN_6_15	KMR_F_HM_1	KMR_F_GP_1	KMR_F_HM_2
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021
YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032
YEAR 2033	YEAR 2034									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	9	SEPTEMBER	279	280	281	282	283	284	285
---	YEAR 2035	---	---	GIN_5_HM 5	GIN_5_15 5	GIN_6_HM 6	GIN_6_15 6	KMR_F_HM 1	KMR_F_GP 1	KMR_F_HM 2
---	YEAR 2036	---	---							
---	YEAR 2037	---	---							
---	YEAR 2038	---	---							
---	YEAR 2039	---	---							
---	YEAR 2040	---	---							

THERMAL UNIT	SEASON	9	SEPTEMBER	286	287	288	289	290	291	292
---	YEAR 2011	---	---	KMR_F_GP 2	KMR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KWA_2_15 2
---	YEAR 2012	---	---							
---	YEAR 2013	---	---							
---	YEAR 2014	---	---							
---	YEAR 2015	---	---							
---	YEAR 2016	---	---							
---	YEAR 2017	---	---							
---	YEAR 2018	---	---							
---	YEAR 2019	---	---							
---	YEAR 2020	---	---							
---	YEAR 2021	---	---							
---	YEAR 2022	---	---							
---	YEAR 2023	---	---							
---	YEAR 2024	---	---							
---	YEAR 2025	---	---							
---	YEAR 2026	---	---							
---	YEAR 2027	---	---							
---	YEAR 2028	---	---							
---	YEAR 2029	---	---							
---	YEAR 2030	---	---							
---	YEAR 2031	---	---							
---	YEAR 2032	---	---							
---	YEAR 2033	---	---							
---	YEAR 2034	---	---							
---	YEAR 2035	---	---							
---	YEAR 2036	---	---							
---	YEAR 2037	---	---							
---	YEAR 2038	---	---							
---	YEAR 2039	---	---							
---	YEAR 2040	---	---							

THERMAL UNIT	SEASON	9	SEPTEMBER	293	294	295	296	297	298	299
---	YEAR 2011	---	---	MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2	MSKR2_12 2	MSKR3_GP 3	MS3HM_12 3	MSKR4_GP 4
---	YEAR 2012	---	---							
---	YEAR 2013	---	---							
---	YEAR 2014	---	---							
---	YEAR 2015	---	---							

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	SEASON	9	SEPTEMBER	300	301	302	303	304	305	306
	THERMAL UNIT			M4HM_12	PICWY_HM	PICWY_GP	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15
				4	5	5	1	1	2	2
YEAR 2011				0	0	0	0	0	0	0
YEAR 2012										
YEAR 2013										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	300 MATH_12 4	301 PICWY_HM 5	302 PICWY_GP 5	303 SP1_F_HM 1	304 SP1_F_15 1	305 SP2_F_HM 2	306 SP2_F_15 2
--------------	--------	---------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON	307 SP3_Q_HM 3	308 SP3_Q_15 3	309 SP4_Q_HM 4	310 SP4_Q_15 4	311 SP5_HM 5	312 SP5_15 5	313 TNR_F_HM 1
--------------	--------	----------------------	----------------------	----------------------	----------------------	--------------------	--------------------	----------------------

YEAR 2011		0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								

YEAR 2040	SEASON 9	SEPTEMBER	CSV6_SCR 961	CSV5_SCR 962	DUMMY_OP 963	DUMMY_OP 964	RPID_03 965	RPID_KP 966	BS2_FGD 967
YEAR 2011			0	0	0	0	0	0	0
YEAR 2012			0	0	0	0	0	0	0
YEAR 2013			0	0	0	0	0	0	0
YEAR 2014			0	0	0	0	0	0	0
YEAR 2015			0	0	0	0	0	0	0
YEAR 2016			0	0	0	0	0	0	0
YEAR 2017			0	0	0	0	0	0	0
YEAR 2018			0	0	0	0	0	0	0
YEAR 2019			0	0	0	0	0	0	0
YEAR 2020			0	0	0	0	0	0	0
YEAR 2021			0	0	0	0	0	0	0
YEAR 2022			0	0	0	0	0	0	0
YEAR 2023			0	0	0	0	0	0	0
YEAR 2024			0	0	0	0	0	0	0
YEAR 2025			0	0	0	0	0	0	0
YEAR 2026			0	0	0	0	0	0	0
YEAR 2027			0	0	0	0	0	0	0
YEAR 2028			0	0	0	0	0	0	0
YEAR 2029			0	0	0	0	0	0	0
YEAR 2030			0	0	0	0	0	0	0
YEAR 2031			0	0	0	0	0	0	0
YEAR 2032			0	0	0	0	0	0	0
YEAR 2033			0	0	0	0	0	0	0
YEAR 2034			0	0	0	0	0	0	0
YEAR 2035			0	0	0	0	0	0	0
YEAR 2036			0	0	0	0	0	0	0
YEAR 2037			0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON	9 SEPTEMBER	961	962	963	964	965	966	967
			CSV6_SCR	CSV5_SCR	DUMMY_OP	DUMMY_OP	RPID_03	RPID_KP	BS2_RPD
			961	962	963	964	965	966	967

THERMAL UNIT	SEASON	9 SEPTEMBER	968	969	970	971	972	973	974
			CR2_NGCC	CR1_NGCC	RS5_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
			968	969	970	971	972	973	974

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

THERMAL UNIT	SEASON	9 SEPTEMBER	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

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
	0	0	0	0	0	0	0	0

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

-----	YEAR 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040								
THERMAL UNIT																																																							
=====																																																							
SEASON 9 SEPTEMBER																																																							

DUMMY OP	982		983		984		985		986		987		988																																										
DUMMY OP	982		983		984		985		986		987		988																																										

-----	YEAR 2011	-----	YEAR 2012	-----	YEAR 2013	-----	YEAR 2014	-----	YEAR 2015	-----	YEAR 2016	-----	YEAR 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----	YEAR 2026	-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030																	
SEASONAL HEAT RATE PROFILE																																																								

DUMMY OP	989		990		991		992		993		994		995																																											
DUMMY OP	989		990		991		992		993		994		995																																											

YEAR	HEAT RATE	PROFIT	T4 TRONA	RP2TR KP	RP2TR IM	DUMMY OP
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
=====						
YEAR 2011			996	997	998	999
YEAR 2012			996	997	998	999
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

 THERMAL UNIT SEASON 9 SEPTEMBER

 YEAR 2029 -----
 YEAR 2030 -----
 YEAR 2031 -----
 YEAR 2032 -----
 YEAR 2033 -----
 YEAR 2034 -----
 YEAR 2035 -----
 YEAR 2036 -----
 YEAR 2037 -----
 YEAR 2038 -----
 YEAR 2039 -----
 YEAR 2040 -----

996 T4_TROMA
996
997 RP2TR_KP
997
998 RP2TR_IM
998
999 DUMMY_OP
999

 THERMAL UNIT SEASON 10 OCTOBER

 SEASONAL HEAT RATE PROFILE

 YEAR 2011 -----
 YEAR 2012 -----
 YEAR 2013 -----
 YEAR 2014 -----
 YEAR 2015 -----
 YEAR 2016 -----
 YEAR 2017 -----
 YEAR 2018 -----
 YEAR 2019 -----
 YEAR 2020 -----
 YEAR 2021 -----
 YEAR 2022 -----
 YEAR 2023 -----
 YEAR 2024 -----
 YEAR 2025 -----
 YEAR 2026 -----
 YEAR 2027 -----
 YEAR 2028 -----
 YEAR 2029 -----
 YEAR 2030 -----
 YEAR 2031 -----
 YEAR 2032 -----
 YEAR 2033 -----
 YEAR 2034 -----
 YEAR 2035 -----
 YEAR 2036 -----
 YEAR 2037 -----
 YEAR 2038 -----
 YEAR 2039 -----
 YEAR 2040 -----

1 AMOS 1
2 AMOS 2
3 AMOS_OP 3
4 BRCKJORD 4
5 BIG SAND 1
6 BIG SAND 2
7 CARD 1+2 1
0 0 0 0 0 0 0

 THERMAL UNIT SEASON 10 OCTOBER

 CARD 1+2 8
 2

9 CARD 3
3
10 CLIFFY 1
11 CLIFFY 2
12 CLIFFY 3
13 CLIFFY 4
14 CLIFFY 5

4-Company East Optimization

----- YEAR 2011 -----	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE						
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- SEASON 10 OCTOBER -----
 THERMAL UNIT

YEAR	29	30	33	34	35	36	37
SEASONAL HEAT RATE	GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
YEAR 2011	29	30	33	34	35	36	37
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2036	2037	2038	2039	2040	SEASON 10 OCTOBER							
THERMAL UNIT							45	46	47	48	49	50	51
							MOUNT_	MUSK	MUSK	MUSK	MUSK	MUSK	P
							ER	RVR	RVR	RVR	RVR	RVR	SPOKRN
							1	1	2	3	4	5	1
SEASONAL HEAT RATE PROFILE	150	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	45	0	0	0	0	0	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2011													
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													
YEAR 2026													
YEAR 2027													
YEAR 2028													
YEAR 2029													
YEAR 2030													
YEAR 2031													
YEAR 2032													

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10	OCTOBER	67	68	69	70	71	72	73
	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTMONR	ROBTMONR	ROBTMONR	ROBTMONR	ROBTMONR
	2	3	4	1	1	2	3		
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 10	OCTOBER	75	76	77	78	79	80	81
	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	CEREDO	DARBY
	1	2	3	4	5	6			1
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	===== SEASON 10 OCTOBER =====							
	DARBY 82	DARBY 83	DARBY 84	DARBY 85	DARBY 86	IMBG WIN 87	IMBG WIN 88	
YEAR 2011	2	3	4	5	6	1	2	
YEAR 2012	0	0	0	0	0	0	0	
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

ABE EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10 OCTOBER									
YEAR 2024										
YEAR 2025										
YEAR 2026										
YEAR 2027										
YEAR 2028										
YEAR 2029										
YEAR 2030										
YEAR 2031										
YEAR 2032										
YEAR 2033										
YEAR 2034										
YEAR 2035										
YEAR 2036										
YEAR 2037										
YEAR 2038										
YEAR 2039										
YEAR 2040										

THERMAL UNIT SEASON 10 OCTOBER

SEASONAL HEAT RATE PROFILE	89	90	91	92	93	94	101
	IMBG SMR	IMBG SMR	WATR CC	WATR2	DRESSDEN	DRESSD2	NUCLEAR
YEAR 2011	89	90	91	92	93	94	101
YEAR 2012	1	2	1	1	1	1	1
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	102	103	104	105	106	107	108
YEAR 2036	UPC_NCCS 1	FC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC GE 1	IGC_RCCS 1	CC 2X1FB 1
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

YEAR	109	110	111	114	115	124	125
YEAR 2011	CC 2X1FB 1	CC 1X17H 1	BS2_CC 1	CT GE7FA 1	CT_GE7EA 1	BS2_FGD 2	BS1_FGD 1
YEAR 2012							
YEAR 2013			183				
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

SEASON 10 OCTOBER

YEAR	126	127	129	130	131	132	133
YEAR 2011	CSV5_SCR 5	CSV6_SCR 6	CR1_NGCC 1	CR2_NGCC 2	MRS_NGCC 5	MRS_FGD 5	RP1D_TM 1
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							

SEASONAL HEAT RATE PROFILE

YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT SEASON 10 OCTOBER									
SEASONAL HEAT RATE PROFILE	RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A390&AP	A390&OP		
YEAR 2011	134	135	136	137	144	145	146		
YEAR 2012	2	4	1	2	4	3	3		
YEAR 2013	0	0	0	0	0	0	0		
YEAR 2014	0	0	0	0	0	0	0		

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEASON 10	OCTOBER	134	135	136	137	144	145	146
RP2D_IM	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A3908_RP	A3908_OP		
2	4	1	2	4	3	3		

YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASON 10	OCTOBER	147	148	149	150	151	153	154
MTN_90%	RPT1_90%	RPT2_90%	GV1_90%	GV2_90%	MTN_18%	CC_PA_KP		
1	1	2	1	2	1	1		1

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE	SEASONAL HEAT RATE PROFILE
0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10	OCTOBER												
	155	156	157	158	159	160	161	162	163	164	165	166	168	169
	CT_OHTO	CC_OH	CT_1FM	CC_1FM	CT_APCO	CC_APCO	CT_KPCO	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC AP	PC_UL_AP
YEAR 2026	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2027	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2028	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2029	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2030	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2031	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2032	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2033	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2034	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2035	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2036	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2037	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2038	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2039	1	1	1	1	1	1	1	1	1	1	1	1	1	1
YEAR 2040	1	1	1	1	1	1	1	1	1	1	1	1	1	1
THERMAL UNIT SEASON 10 OCTOBER														
YEAR 2011	162	163	164	165	166	168	169	162	163	164	165	166	168	169
SEASONAL HEAT RATE PROFILE	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC AP	PC_UL_AP	CC_KPCO	BS2_FGD	BS2_FGD	BS2_FGD	BS2_FGD	IGCC AP	PC_UL_AP
YEAR 2012	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2013	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2014	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2015	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2016	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2017	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2018	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2019	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2020	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2021	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2022	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2023	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2024	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2025	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2026	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2027	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2028	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2029	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2030	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2031	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2032	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2033	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2034	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2035	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2036	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2037	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2038	1	1	5	22	23	1	1	1	1	1	1	1	1	1
YEAR 2039	1	1	5	22	23	1	1	1	1	1	1	1	1	1

YEAR 2040	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037
	170																										
	171																										
	172																										
	173																										
	174																										
	175																										
	176																										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 10 OCTOBER									
YEAR 2038		170	171	172	173	174	175	176			
YEAR 2039		Nuke_AP 1	IGCC IM 1	FC_UL_IM 1	NUKE IM 1	IGCC KP 1	FC_UL_KP 1	NUKE_KP 1			
YEAR 2040											

THERMAL UNIT		SEASON 10 OCTOBER									
YEAR 2011		177	178	179	181	182	183	184			
YEAR 2012		IGCC OH 1	FC_UL_OH 1	NUKE OH 1	RP1D_03 1	RP1D_04 1	RP1D_08 1	RP1D_20 1			
YEAR 2013		0	0	0	0	0	0	0			
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 10 OCTOBER									
YEAR 2011		186	187	188	189	190	191	223			
YEAR 2012		RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4	T4_TRCCR 4	MR_STKR1 1			
YEAR 2013		0	0	0	0	0	0	0			
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10	OCTOBER	MR_STR2	224	AMS3_ST	228	BS2_ST	229	MRS_CF	230	MRS_ST	231	RPT1_CF	232	RPT2_CF	233
			1		3		2		5		5		1		2	

----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT	SEASON 10	OCTOBER	RPT1_ST	234	RPT2_ST	235	DC1_HPT	251	DC1_IS	252	DC1_BRF	253	DC1_17	254	DC1_3800	255
			1		2		1		1		1		1		1	

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

SEASONAL HEAT RATE PROFILE
 ----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----

YEAR	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0
DC2_HPT_2	257	258	259	260	269	270	271			
DC2_BFP_2										
DC2_SPU_2										
DC2_3800_2										
BIGSD_15_1										
BIGSD_GP_1										
CIN_O_HM_1										

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10	OCTOBER	257	258	259	260	269	270	271
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 10	OCTOBER	272	273	274	275	276	277	278
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE PROFILE	279	280	281	282	283	284	285
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

THERMAL UNIT	SEASON 10	OCTOBER	279	280	281	282	283	284	285
GLN_5_HM									
GLN_5_HM									
GLN_5_15									
GLN_5_15									
GLN_6_HM									
GLN_6_HM									
GLN_6_15									
GLN_6_15									
KMR_F_HM									
KMR_F_HM									
KMR_F_GP									
KMR_F_GP									
KMR_F_HM									
KMR_F_HM									

4-Company East Optimization

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
SEASONAL HEAT RATE PROFILE																													
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10				OCTOBER			
	286	287	288	289	290	291	292	
SEASONAL HEAT RATE PROFILE	KMR_F_GP 2	KMR_F_HM 3	KMR_F_GP 3	KWA_1_HM 1	KWA_1_GP 1	KWA_2_HM 2	KWA_2_GP 2	
YEAR 2011	0	0	0	0	0	0	0	
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								
=====								
THERMAL UNIT	SEASON 10				OCTOBER			
	293	294	295	296	297	298	299	
	MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2	MSKR2_12 2	MSKR3_GP 3	MR3HM_12 3	MSKR4_GP 4	
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	SEASON 10	OCTOBER	300	301	302	303	304	305	306
	M4HM_12	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_15_1	SP2_F_HM_2	SP2_F_15_2		
YEAR 2011	4	0	0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THEMAL UNIT	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER
YEAR 2023	300	301	302	303	304	305	306	0	0	0	0	0
YEAR 2024	M4M_12_4	PICWY_HM_5	PICWY_GP_5	SP1_F_HM_1	SP1_F_1S_1	SP2_F_HM_2	SP2_F_1S_2	0	0	0	0	0
YEAR 2025								0	0	0	0	0
YEAR 2026								0	0	0	0	0
YEAR 2027								0	0	0	0	0
YEAR 2028								0	0	0	0	0
YEAR 2029								0	0	0	0	0
YEAR 2030								0	0	0	0	0
YEAR 2031								0	0	0	0	0
YEAR 2032								0	0	0	0	0
YEAR 2033								0	0	0	0	0
YEAR 2034								0	0	0	0	0
YEAR 2035								0	0	0	0	0
YEAR 2036								0	0	0	0	0
YEAR 2037								0	0	0	0	0
YEAR 2038								0	0	0	0	0
YEAR 2039								0	0	0	0	0
YEAR 2040								0	0	0	0	0

THEMAL UNIT	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER
YEAR 2011	307	308	309	310	311	312	313	0	0	0	0	0
SEASONAL HEAT RATE PROFILE	SP3_Q_HM_3	SP3_Q_1S_3	SP4_Q_HM_4	SP4_Q_1S_4	SP5_HM_5	SP5_1S_5	TNR_F_HM_1	0	0	0	0	0
YEAR 2012								0	0	0	0	0
YEAR 2013								0	0	0	0	0
YEAR 2014								0	0	0	0	0
YEAR 2015								0	0	0	0	0
YEAR 2016								0	0	0	0	0
YEAR 2017								0	0	0	0	0
YEAR 2018								0	0	0	0	0
YEAR 2019								0	0	0	0	0
YEAR 2020								0	0	0	0	0
YEAR 2021								0	0	0	0	0
YEAR 2022								0	0	0	0	0
YEAR 2023								0	0	0	0	0
YEAR 2024								0	0	0	0	0
YEAR 2025								0	0	0	0	0
YEAR 2026								0	0	0	0	0
YEAR 2027								0	0	0	0	0
YEAR 2028								0	0	0	0	0
YEAR 2029								0	0	0	0	0
YEAR 2030								0	0	0	0	0
YEAR 2031								0	0	0	0	0
YEAR 2032								0	0	0	0	0
YEAR 2033								0	0	0	0	0
YEAR 2034								0	0	0	0	0
YEAR 2035								0	0	0	0	0
YEAR 2036								0	0	0	0	0

YEAR	2037	2038	2039	2040	SEASON 10 OCTOBER																			
YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
SEASONAL HEAR RATE PROFILE	314 TNR_F_15 1	315 TNR_F_HM 2	316 TNR_F_15 2	317 TNR_F_HM 3	318 TNR_F_15 3	319 PW_GP_15 5	320 RHLL15 1																	
YEAR 2037	0	0	0	0	0	0	0																	
YEAR 2038																								
YEAR 2039																								
YEAR 2040																								
YEAR 2011																								
YEAR 2012																								
YEAR 2013																								
YEAR 2014																								
YEAR 2015																								
YEAR 2016																								
YEAR 2017																								
YEAR 2018																								
YEAR 2019																								
YEAR 2020																								
YEAR 2021																								
YEAR 2022																								
YEAR 2023																								
YEAR 2024																								
YEAR 2025																								
YEAR 2026																								
YEAR 2027																								
YEAR 2028																								
YEAR 2029																								
YEAR 2030																								
YEAR 2031																								
YEAR 2032																								
YEAR 2033																								
YEAR 2034																								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												

THERMAL UNIT	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER
YEAR 2011												
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
YEAR 2029												
YEAR 2030												
YEAR 2031												
YEAR 2032												
YEAR 2033												
YEAR 2034												
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												

THERMAL UNIT	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER	SEASON 10	OCTOBER
YEAR 2011												
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10	OCTOBER	968	969	970	971	972	973	974
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 10	OCTOBER	975	976	977	978	979	980	981
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									

SEASONAL HEAT RATE PROFILE	975	976	977	978	979	980	981
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0

YEAR	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
SEASONAL HEAT RATE PROFILE	982	983	984	985	986	987	988						
YEAR 2011	0	0	0	0	0	0	0						
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 10	OCTOBER	982	983	984	985	986	987	988
	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2026	982	983	984	985	986	987	988		
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT SEASON 10 OCTOBER									
SEASONAL HEAT RATE PROFILE	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2011	989	990	991	992	993	994	995		
YEAR 2012	989	990	991	992	993	994	995		
YEAR 2013	0	0	0	0	0	0	0		
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT SEASON 10 OCTOBER

996 997 998 999
T4_TRONA RP2TR_KP RP2TR_IM DUMMY_OP
996 997 998 999

YEAR 2038 -----
YEAR 2039 -----
YEAR 2040 -----

THERMAL UNIT SEASON 11 NOVEMBER

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

SEASONAL HEAT RATE PROFILE
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017
YEAR 2018
YEAR 2019
YEAR 2020
YEAR 2021
YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025
YEAR 2026
YEAR 2027
YEAR 2028
YEAR 2029
YEAR 2030
YEAR 2031
YEAR 2032
YEAR 2033
YEAR 2034
YEAR 2035
YEAR 2036
YEAR 2037
YEAR 2038
YEAR 2039
YEAR 2040

THERMAL UNIT SEASON 11 NOVEMBER

8 9 10 11 12 13 14
CARD 1+2 CARD 3 CLIFFY CLIFFY CLIFFY CLIFFY CLIFFY
2 3 1 2 3 4 5

SEASONAL HEAT RATE PROFILE
YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017
YEAR 2018

----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	SEASON 11 NOVEMBER
YEAR 2011	CLIFFY 15 0
YEAR 2012	CLINCH R 16 0
YEAR 2013	CLINCH R 17 0
YEAR 2014	CLINCH R 18 0
YEAR 2015	ROCKP_KP 19 0
YEAR 2016	ROCKP_KP 20 0
	CSVL 1-4 21 0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	CLIFFY 15	CLINCH R 16	CLINCH R 17	CLINCH R 18	ROCKP_KP 19	ROCKP_KP 20	CSVL 1-4 21
		CLIFFY 6	CLINCH R 1	CLINCH R 2	CLINCH R 3	ROCKP_KP 1	ROCKP_KP 2	CSVL 1-4 3

YEAR 2017	0
YEAR 2018	0
YEAR 2019	0
YEAR 2020	0
YEAR 2021	0
YEAR 2022	0
YEAR 2023	0
YEAR 2024	0
YEAR 2025	0
YEAR 2026	0
YEAR 2027	0
YEAR 2028	0
YEAR 2029	0
YEAR 2030	0
YEAR 2031	0
YEAR 2032	0
YEAR 2033	0
YEAR 2034	0
YEAR 2035	0
YEAR 2036	0
YEAR 2037	0
YEAR 2038	0
YEAR 2039	0
YEAR 2040	0

THERMAL UNIT	SEASON 11 NOVEMBER	CSVL 1-4 22	CSVL 5+6 23	CSVL 5+6 24	D C COOK 25	D C COOK 26	GAVIN 27	GAVIN 28
		CSVL 1-4 4	CSVL 5+6 5	CSVL 5+6 6	D C COOK 1	D C COOK 2	GAVIN 1	GAVIN 2

SEASONAL HEAT RATE PROFILE	YEAR 2011	0	0	0	0	0	0	19
SEASONAL HEAT RATE PROFILE	YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0

----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 11 NOVEMBER -----

	29	30	33	34	35	36	37
	GLEN LYN	GLEN LYN	KAMMER 1	KAMMER 2	KAMMER 3	KANAWHA 1	KANAWHA 2
	5	6	1	2	3	1	2

----- YEAR 2011 -----	0	0	0	0	0	0	0
----- YEAR 2012 -----							
----- YEAR 2013 -----							
----- YEAR 2014 -----							
----- YEAR 2015 -----							
----- YEAR 2016 -----							
----- YEAR 2017 -----							
----- YEAR 2018 -----							
----- YEAR 2019 -----							
----- YEAR 2020 -----							
----- YEAR 2021 -----							
----- YEAR 2022 -----							
----- YEAR 2023 -----							
----- YEAR 2024 -----							
----- YEAR 2025 -----							
----- YEAR 2026 -----							
----- YEAR 2027 -----							
----- YEAR 2028 -----							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON 11 NOVEMBER	29	30	33	34	35	36	37
GLN LYN	5	6	1	2	3	1	2
GLN LYN							
KAMMER							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

SEASON 11 NOVEMBER	38	39	40	41	42	43	44
KYGER	1	2	3	4	5	1	2
KYGER							
KAMMER							
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

SEASON 11 NOVEMBER	45	46	47	48	49	50	51
MOUNT_ER	1	1	2	3	4	5	1
MUSK RVR							
MUSK RVR							
MUSK RVR							
MUSK RVR							
MUSK RVR							
MUSK RVR							
P STORN							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT
MULTIPLIER = GAF.INPUT.THERMAL_UNIT.

----- THERMAL UNIT ----- SEASON 11 NOVEMBER -----

MOUNT_ER	45	MUSK_RVR	46	MUSK_RVR	47	MUSK_RVR	48	MUSK_RVR	49	MUSK_RVR	50	P_SPOBN	51
1		1		2		3		4		5			1

----- THERMAL UNIT ----- SEASON 11 NOVEMBER -----

P_SPOBN	52	P_SPOBN	53	P_SPOBN	54	P_SPOBN	55	PICWAY	56	RPRPT_IM	57	RPRUN_IM	58
2		3		4		5		5		1		1	

----- SEASONAL HEAT RATE PROFILE -----

YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												
YEAR 2021												
YEAR 2022												
YEAR 2023												
YEAR 2024												
YEAR 2025												
YEAR 2026												
YEAR 2027												
YEAR 2028												
YEAR 2029												
YEAR 2030												
YEAR 2031												
YEAR 2032												
YEAR 2033												
YEAR 2034												
YEAR 2035												
YEAR 2036												
YEAR 2037												
YEAR 2038												
YEAR 2039												
YEAR 2040												

----- THERMAL UNIT ----- SEASON 11 NOVEMBER -----

ROCKP_IM	59	STUART	61	STUART	62	STUART	63	STUART	64	AMOS_AP	65	TANN_1-3	66
2		1		2		3		4		3		1	

----- SEASONAL HEAT RATE PROFILE -----

YEAR 2011	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012												
YEAR 2013												
YEAR 2014												
YEAR 2015												
YEAR 2016												
YEAR 2017												
YEAR 2018												
YEAR 2019												
YEAR 2020												

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== THERMAL UNIT SEASON 11 NOVEMBER =====

SEASONAL HEAT RATE PROFILE	TANN 1-3 2	TANN 1-3 3	TANN 4 4	ZIMMER 1	ROBTWONE 1	ROBTWONE 2	ROBTWONE 3
YEAR 2011	67	68	69	70	71	72	73
YEAR 2012	0	0	0	0	164	164	164
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT SEASON 11 NOVEMBER

YEAR	67	68	69	70	71	72	73
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

THERMAL UNIT SEASON 11 NOVEMBER

YEAR	75	76	77	78	79	80	81
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							

SEASONAL HEAT RATE PROFILE

SEASONAL HEAT RATE PROFILE	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THermal UNIT	SEASON 11 NOVEMBER							
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THermal UNIT	SEASON 11 NOVEMBER							
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

SEASONAL HEAT RATE PROFILE	89	90	91	92	93	94	101
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0

THermal UNIT	SEASON 11 NOVEMBER							
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THermal UNIT	102	103	104	105	106	107	108
YEAR 2011	1	1	1	1	1	1	1
YEAR 2012	1	1	1	1	1	1	1
YEAR 2013	1	1	1	1	1	1	1
YEAR 2014	1	1	1	1	1	1	1
YEAR 2015	1	1	1	1	1	1	1
YEAR 2016	1	1	1	1	1	1	1
YEAR 2017	1	1	1	1	1	1	1
YEAR 2018	1	1	1	1	1	1	1
YEAR 2019	1	1	1	1	1	1	1
YEAR 2020	1	1	1	1	1	1	1
YEAR 2021	1	1	1	1	1	1	1
YEAR 2022	1	1	1	1	1	1	1
YEAR 2023	1	1	1	1	1	1	1
YEAR 2024	1	1	1	1	1	1	1
YEAR 2025	1	1	1	1	1	1	1
YEAR 2026	1	1	1	1	1	1	1
YEAR 2027	1	1	1	1	1	1	1
YEAR 2028	1	1	1	1	1	1	1
YEAR 2029	1	1	1	1	1	1	1
YEAR 2030	1	1	1	1	1	1	1
YEAR 2031	1	1	1	1	1	1	1
YEAR 2032	1	1	1	1	1	1	1
YEAR 2033	1	1	1	1	1	1	1
YEAR 2034	1	1	1	1	1	1	1
YEAR 2035	1	1	1	1	1	1	1
YEAR 2036	1	1	1	1	1	1	1
YEAR 2037	1	1	1	1	1	1	1
YEAR 2038	1	1	1	1	1	1	1
YEAR 2039	1	1	1	1	1	1	1
YEAR 2040	1	1	1	1	1	1	1

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
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----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

ABP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEASONAL HEAT RATE PROFILE	109	110	111	114	115	124	125
YEAR 2011	0	0	183	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	126	127	129	130	131	132	133
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== THERMAL UNIT SEASON 11 NOVEMBER =====

SEASONAL HEAT RATE PROFILE	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2	144 TCA_ESP 4	145 A3908_AP 3	146 A3908OP 3
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	134	135	136	137	144	145	146
		RPD_IM	TAN4_FGD	RP1D_KP	RP2D_KP	TC4_ESP	A3908 AP	A3908OP
		2	4	1	2	4	3	3
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 11 NOVEMBER	147	148	149	150	151	153	154
		MMN_90%	RP11_90%	RP12_90%	GV1_90%	GV2_90%	MMN_18%	CC_FAKP
		1	1	2	1	2	1	1
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014		45	0	0	0	0	45	0
SEASONAL HEAT RATE PROFILE								
YEAR 2015		0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								

YEAR	2036	2037	2038	2039	2040	SEASON 11 NOVEMBER					
SEASONAL HEAT RATE PROFILE	155	156	157	158	159	160	161				
	CT_OHIO	CC_OH	CT_IEM	CC_IEM	CT_ARCO	CC_ARCO	CT_KPCO				
YEAR 2011	1										
YEAR 2012	0										
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	155	156	157	158	159	160	161	
CT_OHIO	1	CT_OH	1	CT_1FM	1	CT_1FM	1	CT_ARCO	1
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 11 NOVEMBER	162	163	164	165	166	168	169	
CC_KPCO	1	BS2 FGD	1	BS2 FGD	5	BS2 FGD	22	BS2 FGD	23
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT	SEASON 11 NOVEMBER	170	171	172	173	174	175	176	
NUKE_AP	1	IGCC IM	1	PC_UL_IM	1	NUKE_IM	1	IGCC KP	1
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									

----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

SEASONAL HEAT RATE PROFILE	THERMAL UNIT	SHASON 11 NOVEMBER	177	178	179	181	182	183	184
YEAR 2011	IGCC OH	FC_UH_OH	NUKE OH	RP1D_03	RP1D_04	RP1D_08	RP1D_20		
YEAR 2011	1	1	1	1	1	1	1		
YEAR 2012	0	0	0	0	0	0	0		

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

YEAR	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2028	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2029	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2030	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2031	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

SEASONAL HEAT RATE PROFILE	224	228	229	230	231	232	233							
MR_STKR2	1	3	2	5	5	1	2							
AM53_SI														
BS2_SI														
MR5_CF														
MR5_SI														
RP11_CF														
RP12_CF														
YEAR 2011	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2012	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2013	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2014	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2015	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2016	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2020	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2021	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2023	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2024	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== THERMAL UNIT SEASON 11 NOVEMBER =====

MR_STKR2	224	AMS3_SI	228	BS2_SI	229	MRS_CF	230	MRS_SI	231	RPT1_CF	232	RPT2_CF	233
	1		3		2		5		5		1		2

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== THERMAL UNIT SEASON 11 NOVEMBER =====

RPT1_SI	234	RPT2_SI	235	DC1_HPF	251	DC1_IS	252	DC1_HPF	253	DC1_17	254	DC1_3800	255
	1		2		1		1		1		1		1

----- YEAR 2011 -----
 SEASONAL HEAT RATE PROFILE
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----

YEAR 2039	YEAR 2040	SEASON 11 NOVEMBER						
THERMAL UNIT		DC2_HPT	DC2_BFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP	CLN_Q_HM
257	258	259	260	269	270	271		
2	2	2	2	1	1	1		
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								

NOTE : DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 11 NOVEMBER							
YEAR 2037		DC2_HPT_2	DC2_HFP_2	DC2_SFU_2	DC2_3800_2	BIGSD_15_1	BIGSD_GP_1	CLN_Q_HM_1	
YEAR 2038		257	258	259	260	269	270	271	
YEAR 2039									
YEAR 2040									

THERMAL UNIT		SEASON 11 NOVEMBER							
YEAR 2011		CLN_Q_15_1	CLN_Q_HM_2	CLN_Q_15_2	CLN_Q_HM_3	CLN_Q_15_3	CVL_3_HM_3	CVL_3_10_3	
SEASONAL HEAT RATE PROFILE		272	273	274	275	276	277	278	
YEAR 2012		0	0	0	0	0	0	0	
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

THERMAL UNIT		SEASON 11 NOVEMBER							
YEAR 2011		GIN_5_HM_5	GIN_5_15_5	GIN_6_HM_6	GIN_6_15_6	KMR_F_HM_1	KMR_F_GP_1	KMR_F_HM_2	
SEASONAL HEAT RATE PROFILE		279	280	281	282	283	284	285	
YEAR 2012		0	0	0	0	0	0	0	
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== THERMAL UNIT SEASON 11 NOVEMBER =====

SEASONAL HEAT RATE PROFILE	KWR_F_GP 286	KWR_F_HM 287	KWR_F_GP 288	KWA_1_HM 289	KWA_1_L5 290	KWA_2_HM 291	KWA_2_L5 292
YEAR 2011	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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER
YEAR 2016	286
YEAR 2017	287
YEAR 2018	288
YEAR 2019	289
YEAR 2020	290
YEAR 2021	291
YEAR 2022	292
YEAR 2023	293
YEAR 2024	294
YEAR 2025	295
YEAR 2026	296
YEAR 2027	297
YEAR 2028	298
YEAR 2029	299

THERMAL UNIT	SEASON 11 NOVEMBER	MSKR1_HM	MSKR1_GP	MSKR2_HM	MSKR2_GP	MSKR3_HM	MSKR3_GP	MSKR4_HM	MSKR4_GP
YEAR 2016	286	1	2	2	2	3	3	4	4
YEAR 2017	287	1	3	3	3	1	1	1	1
YEAR 2018	288	1	3	2	2	3	3	3	3
YEAR 2019	289	1	3	2	2	3	3	3	3
YEAR 2020	290	1	3	2	2	3	3	3	3
YEAR 2021	291	1	3	2	2	3	3	3	3
YEAR 2022	292	1	3	2	2	3	3	3	3
YEAR 2023	293	1	3	2	2	3	3	3	3
YEAR 2024	294	1	3	2	2	3	3	3	3
YEAR 2025	295	1	3	2	2	3	3	3	3
YEAR 2026	296	1	3	2	2	3	3	3	3
YEAR 2027	297	1	3	2	2	3	3	3	3
YEAR 2028	298	1	3	2	2	3	3	3	3
YEAR 2029	299	1	3	2	2	3	3	3	3
YEAR 2030	299	1	3	2	2	3	3	3	3
YEAR 2031	299	1	3	2	2	3	3	3	3
YEAR 2032	299	1	3	2	2	3	3	3	3
YEAR 2033	299	1	3	2	2	3	3	3	3
YEAR 2034	299	1	3	2	2	3	3	3	3
YEAR 2035	299	1	3	2	2	3	3	3	3
YEAR 2036	299	1	3	2	2	3	3	3	3
YEAR 2037	299	1	3	2	2	3	3	3	3
YEAR 2038	299	1	3	2	2	3	3	3	3
YEAR 2039	299	1	3	2	2	3	3	3	3
YEAR 2040	299	1	3	2	2	3	3	3	3

THERMAL UNIT	SEASON 11 NOVEMBER	MSKR1_HM	MSKR1_GP	MSKR2_HM	MSKR2_GP	MSKR3_HM	MSKR3_GP	MSKR4_HM	MSKR4_GP
YEAR 2011	293	1	1	2	2	3	3	4	4
YEAR 2012	294	1	1	2	2	3	3	4	4
YEAR 2013	295	1	1	2	2	3	3	4	4
YEAR 2014	296	1	1	2	2	3	3	4	4
YEAR 2015	297	1	1	2	2	3	3	4	4
YEAR 2016	298	1	1	2	2	3	3	4	4
YEAR 2017	299	1	1	2	2	3	3	4	4
YEAR 2018	299	1	1	2	2	3	3	4	4
YEAR 2019	299	1	1	2	2	3	3	4	4
YEAR 2020	299	1	1	2	2	3	3	4	4
YEAR 2021	299	1	1	2	2	3	3	4	4
YEAR 2022	299	1	1	2	2	3	3	4	4
YEAR 2023	299	1	1	2	2	3	3	4	4
YEAR 2024	299	1	1	2	2	3	3	4	4
YEAR 2025	299	1	1	2	2	3	3	4	4
YEAR 2026	299	1	1	2	2	3	3	4	4
YEAR 2027	299	1	1	2	2	3	3	4	4
YEAR 2028	299	1	1	2	2	3	3	4	4
YEAR 2029	299	1	1	2	2	3	3	4	4

----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== THERMAL UNIT SEASON 11 NOVEMBER =====

SEASONAL HEAT RATE PROFILE	M4HM_12 4	PICWY_HM 5	PICWY_GP 5	SPI_F_HM 1	SPI_F_15 1	SP2_F_HM 2	SP2_F_15 2
YEAR 2011	300	301	302	303	304	305	306
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	300	301	302	303	304	305	306						
YEAR 2028	M4HM_12	4	PICWY_HM	5	PICWY_GP	5	SP1_F_HM	1	SP1_F_15	1	SP2_F_HM	2	SP2_F_15	2
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														

THERMAL UNIT	SEASON 11 NOVEMBER	307	308	309	310	311	312	313						
YEAR 2011	SP3_Q_HM	3	SP3_Q_15	3	SP4_Q_HM	4	SP4_Q_15	4	SP5_HM	5	SP5_15	5	TNR_F_HM	1
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012														
YEAR 2013														
YEAR 2014														
YEAR 2015														
YEAR 2016														
YEAR 2017														
YEAR 2018														
YEAR 2019														
YEAR 2020														
YEAR 2021														
YEAR 2022														
YEAR 2023														
YEAR 2024														
YEAR 2025														
YEAR 2026														
YEAR 2027														
YEAR 2028														
YEAR 2029														
YEAR 2030														
YEAR 2031														
YEAR 2032														
YEAR 2033														
YEAR 2034														
YEAR 2035														
YEAR 2036														
YEAR 2037														
YEAR 2038														
YEAR 2039														
YEAR 2040														

THERMAL UNIT SEASON 11 NOVEMBER 314 315 316 317 318 319 320

4-Company East Optimization

SEASONAL HEAT RATE PROFILE	TNR_F_15 1	TNR_F_HM 2	TNR_F_15 2	TNR_F_HM 3	TNR_F_15 3	PW_GP_15 5	RH11s 1
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 11 NOVEMBER									
		314	315	316	317	318	319	320			
	TNR_F_15	1	2	2	3	3	5	1			
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER									
		500	501	502	503	958	959	960			
	DUMMY_OP	0	0	0	0	958	959	960			
YEAR 2011											
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0			0
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER									
		961	962	963	964	965	966	967			
	CSV6_SCR	961	962	963	964	965	966	967			
		0	0	0	0	0	0	0			0
YEAR 2011											
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0			0
YEAR 2012											
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											

----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

----- THERMAL UNIT SEASON 11 NOVEMBER -----

SEASONAL HEAT RATE PROFILE	CR2_NGCC 968	CRI_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 974
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 11 NOVEMBER	968	969	970	971	972	973	974
	CR2_NGCC	968	CR1_NGCC	969	MRS_NGCC	970	DUMMY_OP	971
		968		969		970	DUMMY_OP	971
						972	DUMMY_OP	973
							DUMMY_OP	973
								DUMMY_OP
								974
								DUMMY_OP
								974

YEAR 2019	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0	0

THERMAL UNIT SEASON 11 NOVEMBER

THERMAL UNIT	975	976	977	978	979	980	981
DUMMY_OP	975	DUMMY_OP	976	DUMMY_OP	977	DUMMY_OP	978
	975		976		977		978
							DUMMY_OP
							980
							DUMMY_OP
							981

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0

YEAR	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----

SEASONAL HEAT RATE PROFILE	982	983	984	985	986	987	988
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012	-----	-----	-----	-----	-----	-----	-----
YEAR 2013	-----	-----	-----	-----	-----	-----	-----
YEAR 2014	-----	-----	-----	-----	-----	-----	-----
YEAR 2015	-----	-----	-----	-----	-----	-----	-----
YEAR 2016	-----	-----	-----	-----	-----	-----	-----
YEAR 2017	-----	-----	-----	-----	-----	-----	-----
YEAR 2018	-----	-----	-----	-----	-----	-----	-----
YEAR 2019	-----	-----	-----	-----	-----	-----	-----
YEAR 2020	-----	-----	-----	-----	-----	-----	-----
YEAR 2021	-----	-----	-----	-----	-----	-----	-----
YEAR 2022	-----	-----	-----	-----	-----	-----	-----
YEAR 2023	-----	-----	-----	-----	-----	-----	-----
YEAR 2024	-----	-----	-----	-----	-----	-----	-----
YEAR 2025	-----	-----	-----	-----	-----	-----	-----
YEAR 2026	-----	-----	-----	-----	-----	-----	-----
YEAR 2027	-----	-----	-----	-----	-----	-----	-----
YEAR 2028	-----	-----	-----	-----	-----	-----	-----
YEAR 2029	-----	-----	-----	-----	-----	-----	-----
YEAR 2030	-----	-----	-----	-----	-----	-----	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 11 NOVEMBER									
YEAR 2031		982	983	984	985	986	987	988			
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2032		982	983	984	985	986	987	988			
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 11 NOVEMBER									
YEAR 2011		989	990	991	992	993	994	995			
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2012		989	990	991	992	993	994	995			
		DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP			
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT SEASON 11 NOVEMBER

T4_TRONA	996	997	998	999
RP2TR_KP	996	997	998	999
RP2TR_IM				
DUMMY_OP				

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015
SEASONAL HEAT RATE PROFILE	0	0	0	0

----- YEAR 2012 -----
----- YEAR 2013 -----
----- YEAR 2014 -----
----- YEAR 2015 -----
----- YEAR 2016 -----
----- YEAR 2017 -----
----- YEAR 2018 -----
----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
----- YEAR 2027 -----
----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 12 DECEMBER						
	AMOS 1	AMOS 2	AMOS_OP 3	BRCKTORD 4	BIG SAND 5	BIG SAND 6	CARD 1+2 7
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
=====							
THERMAL UNIT	SEASON 12 DECEMBER						
	CARD 1+2 8	CARD 3 9	CLIFFY 1 10	CLIFFY 2 11	CLIFFY 3 12	CLIFFY 4 13	CLIFFY 5 14
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

===== SEASON 12 DECEMBER =====
THERMAL UNIT
-----
CLIFFY 15
6
SEASONAL HEAT RATE PROFILE
YEAR 2011 0
YEAR 2012 0
YEAR 2013 0
YEAR 2014 0
YEAR 2015 0
YEAR 2016 0
YEAR 2017 0
YEAR 2018 0
YEAR 2019 0
YEAR 2020 0
YEAR 2021 0
YEAR 2022 0
  
```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON 12 DECEMBER	15	16	17	18	19	20	21
CLIFFY	CLINCH R	CLINCH R	CLINCH R	CLINCH R	ROCKP_KP	ROCKP_KP	GSVL 1-4
6	1	2	3	1	2	3	
YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030
YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038
YEAR 2039	YEAR 2040						

SEASON 12 DECEMBER	22	23	24	25	26	27	28
GSVL 1-4	GSVL 5+6	GSVL 5+6	D C COOK	D C COOK	GAVIN	GAVIN	
4	5	6	1	2	1	2	
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026
YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034
YEAR 2035	YEAR 2036						

THERMAL UNIT		SEASON 12 DECEMBER													
		29		30		33		34		35		36		37	
		GLEN LYN		GLEN LYN		KAMMER		KAMMER		KAMMER		KANAWHA		KANAWHA	
		5		6		1		2		3		1		2	
YEAR 2011	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR 2012															
YEAR 2013															
YEAR 2014															
YEAR 2015															
YEAR 2016															
YEAR 2017															
YEAR 2018															
YEAR 2019															
YEAR 2020															
YEAR 2021															
YEAR 2022															
YEAR 2023															
YEAR 2024															
YEAR 2025															
YEAR 2026															
YEAR 2027															
YEAR 2028															
YEAR 2029															
YEAR 2030															
YEAR 2031															
YEAR 2032															
YEAR 2033															
YEAR 2034															

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT		SEASON 12 DECEMBER									
YEAR 2035		29	30	33	34	35	36	37			
YEAR 2036		GLEN LYN 5	GLEN LYN 6	KAMMER 1	KAMMER 2	KAMMER 3	KANAMHA 1	KANAMHA 2			
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 12 DECEMBER									
YEAR 2011		38	39	40	41	42	43	44			
YEAR 2012		KYGER 1	KYGER 2	KYGER 3	KYGER 4	KYGER 5	MITCHELL 1	MITCHELL 2			
YEAR 2013											
YEAR 2014											
YEAR 2015											
YEAR 2016											
YEAR 2017											
YEAR 2018											
YEAR 2019											
YEAR 2020											
YEAR 2021											
YEAR 2022											
YEAR 2023											
YEAR 2024											
YEAR 2025											
YEAR 2026											
YEAR 2027											
YEAR 2028											
YEAR 2029											
YEAR 2030											
YEAR 2031											
YEAR 2032											
YEAR 2033											
YEAR 2034											
YEAR 2035											
YEAR 2036											
YEAR 2037											
YEAR 2038											
YEAR 2039											
YEAR 2040											

THERMAL UNIT		SEASON 12 DECEMBER									
YEAR 2011		45	46	47	48	49	50	51			
YEAR 2012		MOUNT_ER 1	MUSK RVR 1	MUSK RVR 2	MUSK RVR 3	MUSK RVR 4	MUSK RVR 5	P SPORN 1			
YEAR 2013											
YEAR 2014		45	0	0	0	0	0	0			
SEASONAL HEAT RATE PROFILE		150	0	0	0	0	0	0			
SEASONAL HEAT RATE PROFILE		0	0	0	0	0	0	0			
SEASONAL HEAT RATE PROFILE											
SEASONAL HEAT RATE PROFILE											

4-Company East Optimization

YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASONAL HEAT RATE PROFILE	SEASON 12 DECEMBER	52	53	54	55	56	57	58
YEAR 2011	P SPORN	2	3	4	5	5	1	1
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.

THERMAL UNIT	SEASON 12 DECEMBER					
YEAR 2013	52	53	54	55	56	57
YEAR 2014	P SPORN 2	P SPORN 3	P SPORN 4	P SPORN 5	PICKAY 5	RPRRT_IM 1
YEAR 2015						RPRUN_IM 1
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT SEASON 12 DECEMBER

SEASONAL HEAT RATE PROFILE	59	61	62	63	64	65	66
YEAR 2011	ROCKP_IM 2	STUART 1	STUART 2	STUART 3	STUART 4	AMOS_AP 3	TANN 1-3 1
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	-----	-----	-----	-----	-----	-----	-----
SEASONAL HEAT RATE PROFILE	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTWONE	ROBTWONE	ROBTWONE
YEAR 2011	67	68	69	70	71	72	73
YEAR 2012	2	3	4	1	1	2	3
YEAR 2013	0	0	0	0	164	164	164
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== THERMAL UNIT SEASON 12 DECEMBER =====

YEAR	TANN 1-3	TANN 1-3	TANN 4	ZIMMER	ROBTWONE	ROBTWONE	ROBTWONE
YEAR 2025	67	68	69	70	71	72	73
YEAR 2026	2	3	4	1	1	2	3
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

===== THERMAL UNIT SEASON 12 DECEMBER =====

YEAR	CEREDO 1	CEREDO 2	CEREDO 3	CEREDO 4	CEREDO 5	CEREDO 6	DARBY 1
YEAR 2011	75	76	77	78	79	80	81
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							

===== SEASONAL HEAT RATE PROFILE =====

YEAR 2011	
YEAR 2012	
YEAR 2013	
YEAR 2014	
YEAR 2015	
YEAR 2016	
YEAR 2017	
YEAR 2018	
YEAR 2019	
YEAR 2020	
YEAR 2021	
YEAR 2022	
YEAR 2023	
YEAR 2024	
YEAR 2025	
YEAR 2026	
YEAR 2027	
YEAR 2028	
YEAR 2029	
YEAR 2030	
YEAR 2031	
YEAR 2032	
YEAR 2033	
YEAR 2034	
YEAR 2035	
YEAR 2036	
YEAR 2037	
YEAR 2038	

YEAR 2039	YEAR 2040	SEASON 12 DECEMBER											
THERMAL UNIT		DARBY 82	DARBY 83	DARBY 84	DARBY 85	DARBY 86	IMBG WIN 87	IMBG WIN 88					
SEASONAL HEAT RATE PROFILE		2	3	4	5	6	1	2					
YEAR 2011		0	0	0	0	0	0	0					
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													
YEAR 2026													
YEAR 2027													
YEAR 2028													
YEAR 2029													
YEAR 2030													
YEAR 2031													
YEAR 2032													
YEAR 2033													
YEAR 2034													
YEAR 2035													
YEAR 2036													

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT SEASON 12 DECEMBER

YEAR 2037
YEAR 2038
YEAR 2039
YEAR 2040

DARBY 2	DARBY 3	DARBY 4	DARBY 5	DARBY 6	IMBG WIN 1	IMBG WIN 2
---------	---------	---------	---------	---------	------------	------------

THERMAL UNIT SEASON 12 DECEMBER

YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017
YEAR 2018
YEAR 2019
YEAR 2020
YEAR 2021
YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025
YEAR 2026
YEAR 2027
YEAR 2028
YEAR 2029
YEAR 2030
YEAR 2031
YEAR 2032
YEAR 2033
YEAR 2034
YEAR 2035
YEAR 2036
YEAR 2037
YEAR 2038
YEAR 2039
YEAR 2040

IMBG SMR 1	IMBG SMR 2	WATR CC 1	WATR2 1	DRESIDN 1	DRESID2 1	NUCLEAR 1
------------	------------	-----------	---------	-----------	-----------	-----------

THERMAL UNIT SEASON 12 DECEMBER

YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017

UPC_NCCS 1	PC_UL_SU 1	UPC_RCCS 1	IGC_NCCS 1	IGCC GE 1	IGC_RCCS 1	CC 2X1FB 1
------------	------------	------------	------------	-----------	------------	------------

----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

===== SEASON 12 DECEMBER =====
THERMAL UNIT
=====
YEAR 2011 109
SEASONAL HEAT RATE PROFILE CC 2x1FA 1
YEAR 2012 0
YEAR 2013 0
YEAR 2014 183
YEAR 2015 0

=====
YEAR 2011 110
SEASONAL HEAT RATE PROFILE CC 1x17H 1
YEAR 2012 0
YEAR 2013 0
YEAR 2014 183
YEAR 2015 0

=====
YEAR 2011 111
SEASONAL HEAT RATE PROFILE BS2_CC 1
YEAR 2012 0
YEAR 2013 0
YEAR 2014 183
YEAR 2015 0

=====
YEAR 2011 114
SEASONAL HEAT RATE PROFILE CT GETFA 1
YEAR 2012 0
YEAR 2013 0
YEAR 2014 183
YEAR 2015 0

=====
YEAR 2011 115
SEASONAL HEAT RATE PROFILE CT_GBTDA 1
YEAR 2012 0
YEAR 2013 0
YEAR 2014 183
YEAR 2015 0

=====
YEAR 2011 124
SEASONAL HEAT RATE PROFILE BS2_FGD 2
YEAR 2012 0
YEAR 2013 0
YEAR 2014 183
YEAR 2015 0

=====
YEAR 2011 125
SEASONAL HEAT RATE PROFILE BS1_FGD 1
YEAR 2012 0
YEAR 2013 0
YEAR 2014 183
YEAR 2015 0
    
```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

REP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT SEASON 12 DECEMBER

109	110	111	114	115	124	125
CC 2x1FA	CC 1x17H	BS2_CC	CT GETFA	CT_GETFA	BS2_FGD	BS1_FGD
1	1	1	1	1	2	1

YEAR 2016 -----

YEAR 2017 -----

YEAR 2018 -----

YEAR 2019 -----

YEAR 2020 -----

YEAR 2021 -----

YEAR 2022 -----

YEAR 2023 -----

YEAR 2024 -----

YEAR 2025 -----

YEAR 2026 -----

YEAR 2027 -----

YEAR 2028 -----

YEAR 2029 -----

YEAR 2030 -----

YEAR 2031 -----

YEAR 2032 -----

YEAR 2033 -----

YEAR 2034 -----

YEAR 2035 -----

YEAR 2036 -----

YEAR 2037 -----

YEAR 2038 -----

YEAR 2039 -----

YEAR 2040 -----

THERMAL UNIT SEASON 12 DECEMBER

126	127	129	130	131	132	133
CSV5_SCR	CSV6_SCR	CR1_NGCC	CR2_NGCC	MR5_NGCC	MR5_FGD	RPLD_IM
5	6	1	2	5	5	1

SEASONAL HEAT RATE PROFILE

YEAR 2011 -----

YEAR 2012 -----

YEAR 2013 -----

YEAR 2014 -----

YEAR 2015 -----

YEAR 2016 -----

YEAR 2017 -----

YEAR 2018 -----

YEAR 2019 -----

YEAR 2020 -----

YEAR 2021 -----

YEAR 2022 -----

YEAR 2023 -----

YEAR 2024 -----

YEAR 2025 -----

YEAR 2026 -----

YEAR 2027 -----

YEAR 2028 -----

YEAR 2029 -----

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

===== THERMAL UNIT SEASON 12 DECEMBER =====

YEAR	134 RP2D_IM 2	135 TAN4_FGD 4	136 RP1D_KP 1	137 RP2D_KP 2	144 FC4_ESF 4	145 A3908_AP 3	146 A3908OP 3
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

===== THERMAL UNIT SEASON 12 DECEMBER =====

YEAR	147 MTN_90% 1	148 RPT1_90% 1	149 RPT2_90% 2	150 GV1_90% 1	151 GV2_90% 2	153 MTN_18% 1	154 CC_FA_KP 1
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014	45	0	0	0	0	45	0
SEASONAL HEAT RATE PROFILE							
YEAR 2015	0	0	0	0	0	0	0
SEASONAL HEAT RATE PROFILE							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

4-Company East Optimization

SEASONAL HEAT RATE PROFILE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CT_OHIO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CC_OH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CT_I&M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CC_I&M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CT_ARCO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CC_ARCO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CT_KRCCO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CC_KRCCO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

SEASON 12 DECEMBER

THERMAL UNIT	155	156	157	158	159	160	161
CT_OHIO	1	1	1	1	1	1	1
CC_OH	1	1	1	1	1	1	1

SEASON 12 DECEMBER

THERMAL UNIT	162	163	164	165	166	168	169
CC_KPCO	1	1	5	22	23	1	1
BS2_FGD	1	1	5	22	23	1	1
BS2_FGD	1	1	5	22	23	1	1
IGCC_AP	1	1	1	1	1	1	1
PC_UL_AP	1	1	1	1	1	1	1

SEASONAL HEAT RATE PROFILE

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEASON 12 DECEMBER

THERMAL UNIT	170	171	172	173	174	175	176
Nuke_AP	1	1	1	1	1	1	1
IGCC_IM	1	1	1	1	1	1	1
PC_UL_IM	1	1	1	1	1	1	1
NUKE_IM	1	1	1	1	1	1	1
IGCC_KP	1	1	1	1	1	1	1
PC_UL_KP	1	1	1	1	1	1	1
NUKE_KP	1	1	1	1	1	1	1

SEASONAL HEAT RATE PROFILE

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019
0	0	0	0	0	0	0	0	0

----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

```

===== SEASON 12 DECEMBER =====
THERMAL UNIT
=====
SEASONAL HEAT RATE PROFILE
YEAR 2011 177 IGCC OH 1 178 PC_UL_OH 1 179 NUKE OH 1 181 RP1D_03 1 182 RP1D_04 1 183 RP1D_08 1 184 RP1D_20 1
YEAR 2012 0
YEAR 2013 0
YEAR 2014 0
YEAR 2015 0
YEAR 2016 0
YEAR 2017 0
    
```

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 12 DECEMBER	177	178	179	181	182	183	184
YEAR 2018	ISGC OH 1	PC_UL_OH 1	NUKE OH 1	RP1D_03 1	RP1D_04 1	RP1D_08 1	RP1D_20 1	
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT SEASON 12 DECEMBER

THERMAL UNIT	186	187	188	189	190	191	223
SEASONAL HEAT RATE PROFILE	RP1TR_IM 1	RP2TR_IM 2	RP1TR_KP 1	RP2TR_KP 2	T4_TRONA 4	T4_TRCCR 4	MR_STKR1 1
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							

YEAR	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2011	224	228	229	230	231	232	233		
MR_STKR2	1	3	2	5	5	1	2		
AMSS_SI									
BS2_SI									
MRS_CF									
MRS_SI									
RPT1_CF									
RPT2_CF									
SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0	0	0
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

YEAR	MR_STKR2	AMS3_SI	BS2_SI	MRS5_CF	MRS5_SI	RPPL_CF	RPPL2_CF
YEAR 2030	224	228	229	230	231	232	233
YEAR 2031	1	3	2	5	5	1	2
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

===== SEASON 12 DECEMBER =====
THERMAL UNIT

RPPL_SI	RPRT2_SI	DC1_HPR	DC1_IS	DC1_EFF	DC1_I7	DC1_3800
234	235	251	252	253	254	255
1	2	1	1	1	1	1

YEAR	SEASONAL HEAT RATE	PROFILE
YEAR 2011	0	
YEAR 2012		
YEAR 2013		
YEAR 2014		
YEAR 2015		
YEAR 2016		
YEAR 2017		
YEAR 2018		
YEAR 2019		
YEAR 2020		
YEAR 2021		
YEAR 2022		
YEAR 2023		
YEAR 2024		
YEAR 2025		
YEAR 2026		
YEAR 2027		
YEAR 2028		
YEAR 2029		
YEAR 2030		
YEAR 2031		
YEAR 2032		
YEAR 2033		
YEAR 2034		
YEAR 2035		
YEAR 2036		
YEAR 2037		
YEAR 2038		
YEAR 2039		
YEAR 2040		

===== SEASON 12 DECEMBER =====
THERMAL UNIT

DC2_HPT	DC2_EFF	DC2_SPU	DC2_3800	BIGSD_15	BIGSD_GP	CIN_Q_HM
257	258	259	260	269	270	271
2	2	2	2	1	1	1

YEAR 2011

SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 12 DECEMBER	272	273	274	275	276	277	278
	CLN_Q_15	CLN_Q_HM	CLN_Q_15	CLN_Q_HM	CLN_Q_15	CVL_3_HM	CVL_3_10	
YEAR 2011	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0
YEAR 2025	0	0	0	0	0	0	0	0
YEAR 2026	0	0	0	0	0	0	0	0
YEAR 2027	0	0	0	0	0	0	0	0
YEAR 2028	0	0	0	0	0	0	0	0
YEAR 2029	0	0	0	0	0	0	0	0
YEAR 2030	0	0	0	0	0	0	0	0
YEAR 2031	0	0	0	0	0	0	0	0
YEAR 2032	0	0	0	0	0	0	0	0
YEAR 2033	0	0	0	0	0	0	0	0
YEAR 2034	0	0	0	0	0	0	0	0
YEAR 2035	0	0	0	0	0	0	0	0
YEAR 2036	0	0	0	0	0	0	0	0
YEAR 2037	0	0	0	0	0	0	0	0
YEAR 2038	0	0	0	0	0	0	0	0
YEAR 2039	0	0	0	0	0	0	0	0
YEAR 2040	0	0	0	0	0	0	0	0

THERMAL UNIT	SEASON 12 DECEMBER	279	280	281	282	283	284	285
	GIN_5_HM	GIN_5_15	GIN_6_HM	GIN_6_15	KMR_F_HM	KMR_F_GP	KMR_F_HM	
YEAR 2011	0	0	0	0	0	0	0	0
YEAR 2012	0	0	0	0	0	0	0	0
YEAR 2013	0	0	0	0	0	0	0	0
YEAR 2014	0	0	0	0	0	0	0	0
YEAR 2015	0	0	0	0	0	0	0	0
YEAR 2016	0	0	0	0	0	0	0	0
YEAR 2017	0	0	0	0	0	0	0	0
YEAR 2018	0	0	0	0	0	0	0	0
YEAR 2019	0	0	0	0	0	0	0	0
YEAR 2020	0	0	0	0	0	0	0	0
YEAR 2021	0	0	0	0	0	0	0	0
YEAR 2022	0	0	0	0	0	0	0	0
YEAR 2023	0	0	0	0	0	0	0	0
YEAR 2024	0	0	0	0	0	0	0	0

----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

===== THERMAL UNIT SEASON 12 DECEMBER =====

SEASONAL HEAT RATE PROFILE	KMR_F_GP 286	KMR_F_HM 287	KMR_F_GP 288	KWA_1_HM 289	KWA_1_15 290	KWA_2_HM 291	KWA_2_15 292
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEASON 12 DECEMBER	286	287	288	289	290	291	292
YEAR 2023	KWR_F_GP 2	KWR_F_HM 3	KWR_F_GP 3	KWA_1_HM 1	KWA_1_15 1	KWA_2_HM 2	KWA_2_15 2
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

SEASON 12 DECEMBER

SEASON 12 DECEMBER	293	294	295	296	297	298	299
YEAR 2011	MSKR1_HM 1	MSKR1_12 1	MSKR2_HM 2	MSKR2_12 2	MSKR3_GP 3	MR3HM_12 3	MSKR4_GP 4
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							

YEAR	HEAT RATE	PROFIT	MAHM_12	PICWY_HM	PICWY_GP	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

SEASONAL HEAT RATE	PROFIT	MAHM_12	PICWY_HM	PICWY_GP	SP1_F_HM	SP1_F_15	SP2_F_HM	SP2_F_15	
YEAR 2011		300	301	302	303	304	305	306	
YEAR 2012		0	0	0	0	0	0	0	
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
YEAR 2023									
YEAR 2024									
YEAR 2025									
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 12 DECEMBER	300	301	302	303	304	305	306
YEAR 2035	M4HM_12 4	PICWY_HM 5	PICWY_GP 5	SP1_F_HM 1	SP1_F_HM 1	SP2_F_HM 2	SP2_F_HM 2	
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 12 DECEMBER	307	308	309	310	311	312	313
YEAR 2011	SP3_Q_HM 3	SP3_Q_15 3	SP4_Q_HM 4	SP4_Q_15 4	SP5_HM 5	SP5_15 5	TNR_F_HM 1	
SEASONAL HEAT RATE PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

THERMAL UNIT	SEASON 12 DECEMBER	314	315	316	317	318	319	320
YEAR 2011	TNR_F_15 1	TNR_F_HM 2	TNR_F_15 2	TNR_F_HM 3	TNR_F_15 3	PW_GP_15 5	RH111s 1	
SEASONAL HEAT RATE PROFILE								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								

----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018
500	501	502	503	958	959	960	
DUMMY_OP	DUMMY_IM	DUMMY_AP	DUMMY_KP	CC_KRCCO	RP2D_KP	RP2D_IM	
0	0	0	0	938	939	960	
0	0	0	0	0	0	0	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

 THERMAL UNIT SEASON 12 DECEMBER

SEASONAL HEAT RATE PROFILE	CR2_NGCC 968	CR1_NGCC 969	MRS_NGCC 970	DUMMY_OP 971	DUMMY_OP 972	DUMMY_OP 973	DUMMY_OP 974
YEAR 2011	0	0	0	0	0	0	0
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT	SEASON 12 DECEMBER	968	969	970	971	972	973	974
YEAR 2026	CR2_NGCC	968	CRL_NGCC	MRS_NGCC	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2027	968	969	970	971	972	973	974	
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								
YEAR 2038								
YEAR 2039								
YEAR 2040								

SEASON 12 DECEMBER

THERMAL UNIT	975	976	977	978	979	980	981
YEAR 2011	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
YEAR 2012	0	0	0	0	0	0	0
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							

SEASONAL HEAT RATE PROFILE

YEAR 2040	SEASON 12 DECEMBER	982	983	984	985	986	987	988
-----	-----	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP	DUMMY_OP
-----	-----	982	983	984	985	986	987	988
YEAR 2011	SEASONAL HEAT RATE PROFILE	0	0	0	0	0	0	0
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
YEAR 2027								
YEAR 2028								
YEAR 2029								
YEAR 2030								
YEAR 2031								
YEAR 2032								
YEAR 2033								
YEAR 2034								
YEAR 2035								
YEAR 2036								
YEAR 2037								

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

SEASON 12 DECEMBER	982	983	984	985	986	987	988
THERMAL UNIT	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
YEAR 2038	982	983	984	985	986	987	988
YEAR 2039	982	983	984	985	986	987	988
YEAR 2040	982	983	984	985	986	987	988

SEASON 12 DECEMBER	989	990	991	992	993	994	995
THERMAL UNIT	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP	DUMMY OP
YEAR 2011	989	990	991	992	993	994	995
YEAR 2012	989	990	991	992	993	994	995
YEAR 2013	989	990	991	992	993	994	995
YEAR 2014	989	990	991	992	993	994	995
YEAR 2015	989	990	991	992	993	994	995
YEAR 2016	989	990	991	992	993	994	995
YEAR 2017	989	990	991	992	993	994	995
YEAR 2018	989	990	991	992	993	994	995
YEAR 2019	989	990	991	992	993	994	995
YEAR 2020	989	990	991	992	993	994	995
YEAR 2021	989	990	991	992	993	994	995
YEAR 2022	989	990	991	992	993	994	995
YEAR 2023	989	990	991	992	993	994	995
YEAR 2024	989	990	991	992	993	994	995
YEAR 2025	989	990	991	992	993	994	995
YEAR 2026	989	990	991	992	993	994	995
YEAR 2027	989	990	991	992	993	994	995
YEAR 2028	989	990	991	992	993	994	995
YEAR 2029	989	990	991	992	993	994	995
YEAR 2030	989	990	991	992	993	994	995
YEAR 2031	989	990	991	992	993	994	995
YEAR 2032	989	990	991	992	993	994	995
YEAR 2033	989	990	991	992	993	994	995
YEAR 2034	989	990	991	992	993	994	995
YEAR 2035	989	990	991	992	993	994	995
YEAR 2036	989	990	991	992	993	994	995
YEAR 2037	989	990	991	992	993	994	995
YEAR 2038	989	990	991	992	993	994	995
YEAR 2039	989	990	991	992	993	994	995
YEAR 2040	989	990	991	992	993	994	995

SEASON 12 DECEMBER

THERMAL UNIT	996	997	998	999
T4_TRONA	996	997	998	999
RR2TR_KP	996	997	998	999
RR2TR_IM	996	997	998	999
DUMMY_OP	996	997	998	999
YEAR 2011	996	997	998	999
YEAR 2012	996	997	998	999
YEAR 2013	996	997	998	999
YEAR 2014	996	997	998	999
YEAR 2015	996	997	998	999
YEAR 2016	996	997	998	999
YEAR 2017	996	997	998	999
YEAR 2018	996	997	998	999

SEASONAL HEAT RATE PROFILE

YEAR 2011	0	0	0	0
YEAR 2012	0	0	0	0
YEAR 2013	0	0	0	0
YEAR 2014	0	0	0	0
YEAR 2015	0	0	0	0
YEAR 2016	0	0	0	0
YEAR 2017	0	0	0	0
YEAR 2018	0	0	0	0

----- YEAR 2019 -----
----- YEAR 2020 -----
----- YEAR 2021 -----
----- YEAR 2022 -----
----- YEAR 2023 -----
----- YEAR 2024 -----
----- YEAR 2025 -----
----- YEAR 2026 -----
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----- YEAR 2028 -----
----- YEAR 2029 -----
----- YEAR 2030 -----
----- YEAR 2031 -----
----- YEAR 2032 -----
----- YEAR 2033 -----
----- YEAR 2034 -----
----- YEAR 2035 -----
----- YEAR 2036 -----
----- YEAR 2037 -----
----- YEAR 2038 -----
----- YEAR 2039 -----
----- YEAR 2040 -----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	1	AMOS	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	2	AMOS	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
CAPACITY SEGMENTS					
YEAR 2011	3	AMOS_OP	1	3	
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2012			2		
YEAR 2013				3	
YEAR 2014					4
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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	3	AMOS_OP 1	3	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT
CAPACITY SEGMENTS

4	BECKJORD 1	6	2	3	4
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

UPPER SEG SPINNING RESERVE	8	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	5	BIG SAND 1	1	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	6	BIG SAND	1	2	3	4	
YEAR 2011							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00	
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	7	CARD 1+2	1	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
THERMAL UNIT							
CAPACITY SEGMENTS							
-----	YEAR 2011	-----	8	CARD 1+2	1	2	
-----	UPPER SEG SPINNING RESERVE	-----	%	100.00	100.00	100.00	0.00
-----	YEAR 2012	-----					
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----					
-----	YEAR 2016	-----					
-----	YEAR 2017	-----					
-----	YEAR 2018	-----					
-----	YEAR 2019	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	8	CARD 1+2	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	9	CARD 3	1	3	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	8	100.00	100.00	100.00	100.00	0.00	
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

THERMAL UNIT CAPACITY SEGMENTS	10	CIFITY	1	1	2	3	4
YEAR 2040							

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APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	11				12
	CLIPPY	1	2	3	
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
THermal UNIT CAPACITY SEGMENTS					
YEAR 2011	12	CLIPPY	1	3	
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	13	CLIFFY	1	4	2	3	4
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---

THERMAL UNIT
CAPACITY SEGMENTS

14	CLIFFY	1	5	2	3	4
YEAR 2011	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---

UPPER SEG SPINNING RESERVE

8	100.00	100.00	100.00	0.00
YEAR 2011	---	---	---	---
YEAR 2012	---	---	---	---
YEAR 2013	---	---	---	---
YEAR 2014	---	---	---	---
YEAR 2015	---	---	---	---
YEAR 2016	---	---	---	---
YEAR 2017	---	---	---	---
YEAR 2018	---	---	---	---
YEAR 2019	---	---	---	---
YEAR 2020	---	---	---	---
YEAR 2021	---	---	---	---
YEAR 2022	---	---	---	---
YEAR 2023	---	---	---	---
YEAR 2024	---	---	---	---
YEAR 2025	---	---	---	---
YEAR 2026	---	---	---	---
YEAR 2027	---	---	---	---
YEAR 2028	---	---	---	---
YEAR 2029	---	---	---	---
YEAR 2030	---	---	---	---
YEAR 2031	---	---	---	---
YEAR 2032	---	---	---	---
YEAR 2033	---	---	---	---
YEAR 2034	---	---	---	---
YEAR 2035	---	---	---	---
YEAR 2036	---	---	---	---
YEAR 2037	---	---	---	---
YEAR 2038	---	---	---	---
YEAR 2039	---	---	---	---
YEAR 2040	---	---	---	---

THERMAL UNIT
CAPACITY SEGMENTS

15	CLIFFY	1	6	2	3	4
YEAR 2040	---	---	---	---	---	---

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	16	CLINCH R	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT
CAPACITY SEGMENTS 17 CLINCH R 1 2 3 4

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
THERMAL UNIT													
CAPACITY SEGMENTS													
18	CLINCH R	1	3	2	3	4							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00							
YEAR 2011													
YEAR 2012													
YEAR 2013													
YEAR 2014													
YEAR 2015													
YEAR 2016													
YEAR 2017													
YEAR 2018													
YEAR 2019													
YEAR 2020													
YEAR 2021													
YEAR 2022													
YEAR 2023													
YEAR 2024													
YEAR 2025													

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	18 CLINCH R	1 1	2 2	3 3	4 4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	19 ROCKP_KP	1 1	2 2	3 3	4 4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	20 ROCKP_KP	1 1	2 2	3 3	4 4
YEAR 2040					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	21	CSVL 1-4 1	3	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	22	CSVL 1-4 1	4	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	23	CSVL 5+6	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	24	CSVL 5+6	1	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

UPPER SBG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	25	D C COOK	1	1	2	3	4
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

4-Company East Optimization

YEAR 2011	%	100.00	100.00	100.00	0.00
UPPER SEG SPINNING RESERVE					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	26	D C COOK	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT
CAPACITY SEGMENTS 27 GAVIN 1 1 3 4

YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

YEAR 2027				
YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

THERMAL UNIT	28			
CAPACITY SEGMENTS	1	2	3	4

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	28	GAVIN	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	29	GLEN LYN	1	5	2	3
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	30	GLEN LYN	1	6	2	3
YEAR 2041						
YEAR 2042						
YEAR 2043						
YEAR 2044						
YEAR 2045						
YEAR 2046						
YEAR 2047						
YEAR 2048						
YEAR 2049						
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	33	KAMMER	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT	34	KAMMER	1	2	3	4
CAPACITY SEGMENTS						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS 35 KANAWHA 1 3 2 3 4

----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS 36 KANAWHA 1 1 2 3 4

UPPER SBG SPINNING RESERVE % 100.00 100.00 100.00 0.00

----- YEAR 2011 -----
 ----- YEAR 2012 -----
 ----- YEAR 2013 -----
 ----- YEAR 2014 -----
 ----- YEAR 2015 -----
 ----- YEAR 2016 -----
 ----- YEAR 2017 -----
 ----- YEAR 2018 -----
 ----- YEAR 2019 -----
 ----- YEAR 2020 -----
 ----- YEAR 2021 -----
 ----- YEAR 2022 -----
 ----- YEAR 2023 -----
 ----- YEAR 2024 -----
 ----- YEAR 2025 -----
 ----- YEAR 2026 -----
 ----- YEAR 2027 -----
 ----- YEAR 2028 -----
 ----- YEAR 2029 -----
 ----- YEAR 2030 -----
 ----- YEAR 2031 -----
 ----- YEAR 2032 -----
 ----- YEAR 2033 -----
 ----- YEAR 2034 -----
 ----- YEAR 2035 -----
 ----- YEAR 2036 -----
 ----- YEAR 2037 -----
 ----- YEAR 2038 -----
 ----- YEAR 2039 -----
 ----- YEAR 2040 -----

THERMAL UNIT CAPACITY SEGMENTS 37 KANAWHA 1 2 2 3 4

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	38	KYGR	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS 39 KYGR 1 2 3 4

YEAR	39	KYGR	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	40	KYGER	1	3	2	3	4
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---

THERMAL UNIT CAPACITY SEGMENTS	41	KYGER	1	4	2	3	4
YEAR 2011	---	---	---	---	---	---	---
UPPER SEG SPINNING RESERVE	---	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---

THERMAL UNIT CAPACITY SEGMENTS	42	KYGER	1	5	2	3	4
YEAR 2011	---	---	---	---	---	---	---
UPPER SEG SPINNING RESERVE	---	---	---	---	---	---	---
YEAR 2012	---	---	---	---	---	---	---
YEAR 2013	---	---	---	---	---	---	---
YEAR 2014	---	---	---	---	---	---	---
YEAR 2015	---	---	---	---	---	---	---
YEAR 2016	---	---	---	---	---	---	---
YEAR 2017	---	---	---	---	---	---	---
YEAR 2018	---	---	---	---	---	---	---
YEAR 2019	---	---	---	---	---	---	---
YEAR 2020	---	---	---	---	---	---	---
YEAR 2021	---	---	---	---	---	---	---
YEAR 2022	---	---	---	---	---	---	---
YEAR 2023	---	---	---	---	---	---	---
YEAR 2024	---	---	---	---	---	---	---
YEAR 2025	---	---	---	---	---	---	---
YEAR 2026	---	---	---	---	---	---	---
YEAR 2027	---	---	---	---	---	---	---
YEAR 2028	---	---	---	---	---	---	---
YEAR 2029	---	---	---	---	---	---	---
YEAR 2030	---	---	---	---	---	---	---
YEAR 2031	---	---	---	---	---	---	---
YEAR 2032	---	---	---	---	---	---	---
YEAR 2033	---	---	---	---	---	---	---
YEAR 2034	---	---	---	---	---	---	---
YEAR 2035	---	---	---	---	---	---	---
YEAR 2036	---	---	---	---	---	---	---
YEAR 2037	---	---	---	---	---	---	---
YEAR 2038	---	---	---	---	---	---	---
YEAR 2039	---	---	---	---	---	---	---
YEAR 2040	---	---	---	---	---	---	---

THERMAL UNIT 42 KYGER 1 5 2 3 4
CAPACITY SEGMENTS 1627

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	43	MITCHELL	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
THERMAL UNIT CAPACITY SEGMENTS	44	MITCHELL	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

YEAR	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
YEAR 2027	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2028	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2029	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2030	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2031	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2032	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2033	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2034	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2035	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2036	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2037	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2038	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2039	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
YEAR 2040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
THERMAL UNIT CAPACITY SEGMENTS	45	MOUNT_ER	1	1	2	3	4							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00	100.00							
YEAR 2011	-----													
YEAR 2012	-----													
YEAR 2013	-----													
YEAR 2014	-----													
YEAR 2015	-----													
YEAR 2016	-----													
YEAR 2017	-----													
YEAR 2018	-----													
YEAR 2019	-----													
YEAR 2020	-----													
YEAR 2021	-----													
YEAR 2022	-----													
YEAR 2023	-----													
YEAR 2024	-----													
YEAR 2025	-----													

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	45	MOUNT_ER	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	46	MUSK_RVR	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	47	MUSK_RVR	1	2	3	4
YEAR 2040						

4-Company East Optimization

UPPER SEG SPINNING RESERVE	3	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	48	MUSK RVR	1	2	3	4
YEAR 2011						
UPPER SBG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	49	MUSK RVR	1	2	3	4
-----------------------------------	----	----------	---	---	---	---

YEAR 2011						
UPPER SBG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

YEAR	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040																
-----	YEAR 2027	-----	YEAR 2028	-----	YEAR 2029	-----	YEAR 2030	-----	YEAR 2031	-----	YEAR 2032	-----	YEAR 2033	-----	YEAR 2034	-----	YEAR 2035	-----	YEAR 2036	-----	YEAR 2037	-----	YEAR 2038	-----	YEAR 2039	-----	YEAR 2040	-----		
-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----	50	-----		
-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----	MUSK RVR	-----		
-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----	1	-----		
-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----		
-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----	2	-----		
-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----		
-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----		
-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----	0.00	-----		
-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----		
-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----	100.00	-----		
-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----	UPPER SEG SPINNING RESERVE	-----
-----	YEAR 2011	-----	YEAR 2012	-----	YEAR 2013	-----	YEAR 2014	-----	YEAR 2015	-----	YEAR 2016	-----	YEAR 2017	-----	YEAR 2018	-----	YEAR 2019	-----	YEAR 2020	-----	YEAR 2021	-----	YEAR 2022	-----	YEAR 2023	-----	YEAR 2024	-----	YEAR 2025	-----

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	50	MUSK RVR 1	5	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	51	P SPORN 1	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	52	P SPORN 1	2	2	3	4
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	53	P SPORN	1	3	2	4	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00		
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00		
YEAR 2011								
YEAR 2012								
YEAR 2013								
YEAR 2014								
YEAR 2015								
YEAR 2016								
YEAR 2017								
YEAR 2018								
YEAR 2019								
YEAR 2020								
YEAR 2021								
YEAR 2022								
YEAR 2023								
YEAR 2024								
YEAR 2025								
YEAR 2026								

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

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 CAPACITY SEGMENTS	58	RRUN_IM	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
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YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	59	ROCKP_IM	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	61	STUART	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	62	STUART	1	2	3	4
UPPER SRG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00

YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	63	STUART	1	3	2	3	4

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	64	STUART	1	4	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
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YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	65	AMOS_AP	1	3	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	66	TANN 1-3 1	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	67	TANN 1-3 1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00

YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	68	TANN 1-3 1	3	2	3	4

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	69	FANN 4	1	4	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
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YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	70	ZIMMER	1	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
-----	71	ROBTMONE	1	1	2	3	4
-----	THERMAL UNIT						
-----	CAPACITY SEGMENTS						
-----	YEAR 2011	-----					
-----	UPPER SRG SPINNING RESERVE	-----	%	100.00	100.00	0.00	0.00
-----	YEAR 2012	-----					
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----					
-----	YEAR 2016	-----					
-----	YEAR 2017	-----					
-----	YEAR 2018	-----					
-----	YEAR 2019	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	100.00	100.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	75	CEREDO	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	76	CEREDO	1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	77	CEREDO 1	3	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	78	CEREDO 1	4	2	3	4
UPPER SEG SPINNING RESERVE	%					
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	79	CEREDO 1	5	2	3	4
UPPER SEG SPINNING RESERVE	%					
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	80	CEREDO	1	6	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
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YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	81	DARBY	1	1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
-----	THERMAL UNIT	-----	82	DARBY			
-----	CAPACITY SEGMENTS	-----		1	2	3	4
-----	YEAR 2011	-----					
-----	UPPER SEG SPINNING RESERVE	-----	%	0.00	0.00	0.00	0.00
-----	YEAR 2012	-----					
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----					
-----	YEAR 2016	-----					
-----	YEAR 2017	-----					
-----	YEAR 2018	-----					
-----	YEAR 2019	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	82	DARBY	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	83	DARBY	1	3	2	3	4
YEAR 2011							
UPPER SBG SPINNING RESERVE	%		0.00	0.00	0.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

THERMAL UNIT CAPACITY SEGMENTS	84	DARBY	1	4	2	3	4
YEAR 2040							

4-Company East Optimization

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

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 CAPACITY SEGMENTS	85	DARBY	1	5	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	86	DARBY	1	6	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00	0.00
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	87	LMBG WIN	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	88	LMBG WIN	1	2	3	4
UPPER SEG SPINNING RESERVE	%		0.00	0.00	0.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2028						
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YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	89	LMBG SMR	1	2	3	4
THERMAL UNIT CAPACITY SEGMENTS						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	90	LMBG SMR			
		1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS	91	WATR CC			
		1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
-----	THERMAL UNIT	-----	92	WATR2			
-----	CAPACITY SEGMENTS	-----		1	1		
-----	YEAR 2011	-----					
-----	UPPER SEG SPINNING RESERVE	-----	%				
-----	YEAR 2012	-----		0.00			
-----	YEAR 2013	-----			0.00		
-----	YEAR 2014	-----				0.00	
-----	YEAR 2015	-----					0.00
-----	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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	92	WATR2	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	93	DRESDEN	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
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YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	94	DRESO2	1	2	3	4
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	101	NUCLEAR	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	102	UPC_NCCS	1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	103	PC_UL_SU 1	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	104	UPC_FCCS 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	105	IGC_NCCS 1	2	3	4
YEAR 2040					

1671

4-Company Fast Optimization

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THEMAL UNIT CAPACITY SEGMENTS	106	IGCC GE	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THEMAL UNIT
CAPACITY SEGMENTS 107 IGC_RCCS 1 1 2 3 4

UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	108	CC 2X1FB	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	109	CC 2X1FA	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	110	CC 1x17H	1	2	3	4
YEAR 2040						

1675

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	111	BS2_CC	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT 114 CT GETFA 1 1 2 3 4
CAPACITY SEGMENTS

UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	115	CT_GE7EA 1	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	124	BS2_FGD 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	125	BS1_FGD 1	1	2	3	4
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	126	CSV5_SCR 1	5	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	%	0.00		0.00	0.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
THERMAL UNIT CAPACITY SEGMENTS	127	CSV6_SCR 1	6	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00		0.00	0.00	0.00
----- YEAR 2011 -----						
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	129	CR1_NGCC 1	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	130	CR2_NGCC 1	2	3	4
UPPER SFG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	131	MRS_NGCC 1	5	2	3	4
YEAR 2040						

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
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YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THEMAL UNIT CAPACITY SEGMENTS	132	MRS_FGD 1	5	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THEMAL UNIT
CAPACITY SEGMENTS

133

RPID_IM 1 1

2

3

4

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	134	RP2D_IM	1	2	2	3	3	4	4
YEAR 2026									
YEAR 2027									
YEAR 2028									
YEAR 2029									
YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT CAPACITY SEGMENTS	135	TAN4_FGD	1	4	2	3	3	4	4
YEAR 2011									
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00	100.00	0.00	
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
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YEAR 2030									
YEAR 2031									
YEAR 2032									
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YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									
THERMAL UNIT CAPACITY SEGMENTS	136	RP1D_KP	1	1	2	3	3	4	4
YEAR 2011									
YEAR 2012									
YEAR 2013									
YEAR 2014									
YEAR 2015									
YEAR 2016									
YEAR 2017									
YEAR 2018									
YEAR 2019									
YEAR 2020									
YEAR 2021									
YEAR 2022									
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YEAR 2030									
YEAR 2031									
YEAR 2032									
YEAR 2033									
YEAR 2034									
YEAR 2035									
YEAR 2036									
YEAR 2037									
YEAR 2038									
YEAR 2039									
YEAR 2040									

4-Company Basic Optimization

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
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YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	137	RP2D_KP 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
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YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
CAPACITY SEGMENTS

144	TC4_ESP 1	4	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	148	RPT1_90%	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT
CAPACITY SEGMENTS

149	RPT2_90%	1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
-----	YEAR 2041	-----					
-----	YEAR 2042	-----					
-----	YEAR 2043	-----					
-----	YEAR 2044	-----					
-----	YEAR 2045	-----					
-----	YEAR 2046	-----					
-----	YEAR 2047	-----					
-----	YEAR 2048	-----					
-----	YEAR 2049	-----					
-----	YEAR 2050	-----					
-----	YEAR 2051	-----					
-----	YEAR 2052	-----					
-----	YEAR 2053	-----					
-----	YEAR 2054	-----					
-----	YEAR 2055	-----					
-----	YEAR 2056	-----					
-----	YEAR 2057	-----					
-----	YEAR 2058	-----					
-----	YEAR 2059	-----					
-----	YEAR 2060	-----					
-----	YEAR 2061	-----					
-----	YEAR 2062	-----					
-----	YEAR 2063	-----					
-----	YEAR 2064	-----					
-----	YEAR 2065	-----					
-----	YEAR 2066	-----					
-----	YEAR 2067	-----					
-----	YEAR 2068	-----					
-----	YEAR 2069	-----					
-----	YEAR 2070	-----					
-----	YEAR 2071	-----					
-----	YEAR 2072	-----					
-----	YEAR 2073	-----					
-----	YEAR 2074	-----					
-----	YEAR 2075	-----					
-----	YEAR 2076	-----					
-----	YEAR 2077	-----					
-----	YEAR 2078	-----					
-----	YEAR 2079	-----					
-----	YEAR 2080	-----					
-----	YEAR 2081	-----					
-----	YEAR 2082	-----					
-----	YEAR 2083	-----					
-----	YEAR 2084	-----					
-----	YEAR 2085	-----					
-----	YEAR 2086	-----					
-----	YEAR 2087	-----					
-----	YEAR 2088	-----					
-----	YEAR 2089	-----					
-----	YEAR 2090	-----					
-----	YEAR 2091	-----					
-----	YEAR 2092	-----					
-----	YEAR 2093	-----					
-----	YEAR 2094	-----					
-----	YEAR 2095	-----					
-----	YEAR 2096	-----					
-----	YEAR 2097	-----					
-----	YEAR 2098	-----					
-----	YEAR 2099	-----					
-----	YEAR 2100	-----					
-----	YEAR 2101	-----					
-----	YEAR 2102	-----					
-----	YEAR 2103	-----					
-----	YEAR 2104	-----					
-----	YEAR 2105	-----					
-----	YEAR 2106	-----					
-----	YEAR 2107	-----					
-----	YEAR 2108	-----					
-----	YEAR 2109	-----					
-----	YEAR 2110	-----					
-----	YEAR 2111	-----					
-----	YEAR 2112	-----					
-----	YEAR 2113	-----					
-----	YEAR 2114	-----					
-----	YEAR 2115	-----					
-----	YEAR 2116	-----					
-----	YEAR 2117	-----					
-----	YEAR 2118	-----					
-----	YEAR 2119	-----					
-----	YEAR 2120	-----					
-----	YEAR 2121	-----					
-----	YEAR 2122	-----					
-----	YEAR 2123	-----					
-----	YEAR 2124	-----					
-----	YEAR 2125	-----					

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 CAPACITY SEGMENTS	150	GV1_90%	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	151	GV2_90%	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	133	MTN_188	1	2	3	4
YEAR 2040						

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	154	CC_PA_KP 1	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
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YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT
CAPACITY SEGMENTS 155 CT_OHTO 1 1 2 3 4

YEAR 2011	%	0.00	0.00	0.00	0.00
UPPER SEG SPINNING RESERVE					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
	THERMAL UNIT		156	CC_OH	1	1	
	CAPACITY SEGMENTS						
-----	YEAR 2011	-----					
-----	UPPER SEG SPINNING RESERVE	-----	%				
-----	YEAR 2012	-----		0.00	1	1	
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----					
-----	YEAR 2016	-----					
-----	YEAR 2017	-----					
-----	YEAR 2018	-----					
-----	YEAR 2019	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	156	CC_OH	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	157	CT_I&M	1	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

UPPER SRG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
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YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	158	CC_I&M	1	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	159	CT_ARCO	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	160	CC_ARCO	1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	161	CT_KPCO	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	162	CC_KPCO	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%					
YEAR 2012		0.00		0.00	0.00	0.00
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	163	BS2_FGD	1	2	3	4
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	164	BS2 FGD 1	5	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	165	BS2 FGD 1	22	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	166	BS2 FGD 1 23	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	168	IGCC AP 1 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	169	PC_UL_AP 1 1	2	3	4
YEAR 2040					

1707

4-Company East Optimization

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THEMAL UNIT CAPACITY SEGMENTS	170	NOKE_AP	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THEMAL UNIT CAPACITY SEGMENTS	171	IGCC IM	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
	THERMAL UNIT		172	PC_UTIL	1	1	
	CAPACITY SEGMENTS						
-----	YEAR 2011	-----					
-----	UPPER SEG SPINNING RESERVE	-----	%				
-----	YEAR 2012	-----		0.00		2	
-----	YEAR 2013	-----					
-----	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.

THERMAL UNIT CAPACITY SEGMENTS	172	PG_UL_IM	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	173	NUKE_IM	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	174	IGCC KP	1	2	3	4
YEAR 2040						

1711

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
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YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THermal UNIT CAPACITY SEGMENTS	175	PC_UL_KP 1	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THermal UNIT 176 NUKE_KP 1 1 2 3 4
CAPACITY SEGMENTS

UPPER SEG SPINNING RESERVE % 0.00 0.00 0.00 0.00

YEAR 2011	
YEAR 2012	
YEAR 2013	
YEAR 2014	
YEAR 2015	
YEAR 2016	
YEAR 2017	
YEAR 2018	
YEAR 2019	
YEAR 2020	
YEAR 2021	
YEAR 2022	
YEAR 2023	
YEAR 2024	
YEAR 2025	
YEAR 2026	

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	177	IGCC OH	1	2	3	4
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

THERMAL UNIT CAPACITY SEGMENTS	178	PC_UL_OH	1	2	3	4
YEAR 2011	-----					
UPPER SEG SPINNING RESERVE	-----	%				
YEAR 2012	-----					
YEAR 2013	-----					
YEAR 2014	-----					
YEAR 2015	-----					
YEAR 2016	-----					
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

THERMAL UNIT CAPACITY SEGMENTS	179	NUKE OH	1	2	3	4
YEAR 2040	-----					

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
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YEAR 2028				
YEAR 2029				
YEAR 2030				
YEAR 2031				
YEAR 2032				
YEAR 2033				
YEAR 2034				
YEAR 2035				
YEAR 2036				
YEAR 2037				
YEAR 2038				
YEAR 2039				
YEAR 2040				

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS YEAR 2011 UPPER SEG SPINNING RESERVE	181	RPID_03	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	182	RPID_04	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	183	RPID_08	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	184	RPID_20	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
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YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	186	RP1TR_1M	1	2	3	4
YEAR 2040						

4-Company East Optimization

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
UPPER SEG SPINNING RESERVE																													
%																													
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	187	RP2TR_IM	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	188	RP1TR_KP	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	189	REP2TR_KP 1	2	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	190	T4_TRONA 1	4	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
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YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	191	T4_PROCR 1	4	2	3	4

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	223	MR_STKR1	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	224	MR_STKR2	1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	228	AMS3_SI	1	3	2	3	4
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT							
CAPACITY SEGMENTS							
YEAR 2011	229	BS2_SI	1	2	2	3	4
UPPER SEG SPINNING RESERVE	%		100.00	100.00	100.00	100.00	100.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
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YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT							
CAPACITY SEGMENTS							
YEAR 2011	230	MRS_CP	1	5	2	3	4
UPPER SEG SPINNING RESERVE							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
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YEAR 2026							
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YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

4-Company East Optimization

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
UPPER SEG SPINNING RESERVE																													
%																													
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00																													

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	251	DCL_HPT	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
THERMAL UNIT CAPACITY SEGMENTS	252	DCL_IS	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	253	DC1_EFF	1	2	3	4	
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	254	DC1_17	1	1	2	3	4
UPPER SEG SPINNING RESERVE	\$	100.00	100.00	100.00	100.00	0.00	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
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YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

THERMAL UNIT CAPACITY SEGMENTS	255	DC1_3800	1	1	2	3	4
YEAR 2040							

4-Company East Optimization

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	257	DC2_HPT	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT
CAPACITY SEGMENTS

258	DC2_BPF	1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	259	DC2_SPU 1	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	260	DC2_3800 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
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YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	269	BIGSD_15 1	1	2	3	4
YEAR 2040						

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	270	BIGSD_GP 1	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	271	CIN_Q_HM 1	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

YEAR	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
THERMAL UNIT															
CAPACITY SEGMENTS	272														
	CLN_Q_15	1	1	2	3	4									

YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
THERMAL UNIT																														
CAPACITY SEGMENTS	273																													
	CLN_Q_HM	1	2	3	4																									

UPPER SEG	SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT	274	CLN_Q_15	1	2	3	4
CAPACITY SEGMENTS						
YEAR 2040						

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
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YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	275	CIN_Q_HM 1	3	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	276	CIN_Q_15 1	3	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	277	CVL_3_HM 1	3	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	278	CVL_3_10 1	3	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	279	GLN_5_HM 1	5	2	3	4
YEAR 2040						

1747

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	280	GLN_5_15	1	5	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
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YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	281	GLN_6_HM	1	6	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

-----	YEAR 2027	-----						
-----	YEAR 2028	-----						
-----	YEAR 2029	-----						
-----	YEAR 2030	-----						
-----	YEAR 2031	-----						
-----	YEAR 2032	-----						
-----	YEAR 2033	-----						
-----	YEAR 2034	-----						
-----	YEAR 2035	-----						
-----	YEAR 2036	-----						
-----	YEAR 2037	-----						
-----	YEAR 2038	-----						
-----	YEAR 2039	-----						
-----	YEAR 2040	-----						

	THERMAL UNIT		282	GLN_6_15	1	6		
	CAPACITY SEGMENTS							
-----	YEAR 2011	-----						
-----	UPPER SEG SPINNING RESERVE	-----	8					
-----	YEAR 2012	-----		100.00	1	6		
-----	YEAR 2013	-----						
-----	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.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	282	GIN_6_15 1	6 2	3 3	4 4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	283	KMR_F_HM 1	1 2	3 3	4 4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
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YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	284	KMR_F_GP 1	1 2	3 3	4 4
YEAR 2040					

1751

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	285	KWR_F_HM 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
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YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
CAPACITY SEGMENTS

286	KWR_F_GP 1	2	3	4	
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

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-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
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-----	YEAR 2041	-----					
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-----	YEAR 2050	-----					
-----	YEAR 2051	-----					
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-----	YEAR 2073	-----					
-----	YEAR 2074	-----					
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-----	YEAR 2095	-----					
-----	YEAR 2096	-----					
-----	YEAR 2097	-----					
-----	YEAR 2098	-----					
-----	YEAR 2099	-----					
-----	YEAR 2100	-----					
-----	YEAR 2101	-----					
-----	YEAR 2102	-----					
-----	YEAR 2103	-----					
-----	YEAR 2104	-----					
-----	YEAR 2105	-----					
-----	YEAR 2106	-----					
-----	YEAR 2107	-----					
-----	YEAR 2108	-----					
-----	YEAR 2109	-----					
-----	YEAR 2110	-----					
-----	YEAR 2111	-----					
-----	YEAR 2112	-----					
-----	YEAR 2113	-----					
-----	YEAR 2114	-----					
-----	YEAR 2115	-----					
-----	YEAR 2116	-----					
-----	YEAR 2117	-----					
-----	YEAR 2118	-----					
-----	YEAR 2119	-----					
-----	YEAR 2120	-----					
-----	YEAR 2121	-----					
-----	YEAR 2122	-----					
-----	YEAR 2123	-----					
-----	YEAR 2124	-----					
-----	YEAR 2125	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	287	KWR_F_HM 1	3	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	288	KWR_F_GP 1	3	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	289	KWR_I_HM 1	1	2	3	4

4-Company East Optimization

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	290	KWA_1_15 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
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YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
CAPACITY SEGMENTS

291 KWA_2_HM 1 2 3 4

THERMAL UNIT CAPACITY SEGMENTS	291	KWA_2_HM 1	2	3	4
YEAR 2011					
UPPER SRG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
-----	THERMAL UNIT	-----	292	KVA_2_15	1	2	
-----	CAPACITY SEGMENTS	-----					
-----	UPPER SEG SPINNING RESERVE	-----	%	100.00	100.00	100.00	0.00
-----	YEAR 2011	-----					
-----	YEAR 2012	-----					
-----	YEAR 2013	-----					
-----	YEAR 2014	-----					
-----	YEAR 2015	-----					
-----	YEAR 2016	-----					
-----	YEAR 2017	-----					
-----	YEAR 2018	-----					
-----	YEAR 2019	-----					
-----	YEAR 2020	-----					
-----	YEAR 2021	-----					
-----	YEAR 2022	-----					
-----	YEAR 2023	-----					
-----	YEAR 2024	-----					
-----	YEAR 2025	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	292	KWH_2_15 1	2	3	4	
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	293	MSKRI_HM 1	1	2	3	4
UPPER SRG SPINNING RESERVE	%	100.00	100.00	100.00	0.00	
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	294	MSKRI_12 1	1	2	3	4

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	295	MSKR2_HM 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS	296	MSKR2_12 1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	297	MSKR3_GP 1 3	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	298	MR3HM_12 1 3	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	299	MSKR4_GP 1 4	2	3	4
YEAR 2040					

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF, INPT, THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	300	M4HM_12	1	4	2	3	4
YEAR 2011							
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00	0.00
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
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YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	301	PIGWY_HM	1	5	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00	0.00
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	302	PIGMY_GP 1	5	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT						
CAPACITY SEGMENTS						
YEAR 2011	303	SPI_F_HM	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2030						
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YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT						
CAPACITY SEGMENTS						
YEAR 2011	304	SPI_F_15	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
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YEAR 2030						
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YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
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YEAR 2033					
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YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	307	SP3_Q_HM 1	3	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	308	SP3_Q_15 1	3	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
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YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	309	SP4_Q_HM 1	4	2	3	4
YEAR 2040						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	310	SP4_Q15 1	4	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
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YEAR 2030						
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YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT 311 SP5_HM 1 5

UPPER SEG SPINNING RESERVE % 100.00 100.00 100.00 0.00

YEAR 2011
YEAR 2012
YEAR 2013
YEAR 2014
YEAR 2015
YEAR 2016
YEAR 2017
YEAR 2018
YEAR 2019
YEAR 2020
YEAR 2021
YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025
YEAR 2026

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-----	YEAR 2028	-----						
-----	YEAR 2029	-----						
-----	YEAR 2030	-----						
-----	YEAR 2031	-----						
-----	YEAR 2032	-----						
-----	YEAR 2033	-----						
-----	YEAR 2034	-----						
-----	YEAR 2035	-----						
-----	YEAR 2036	-----						
-----	YEAR 2037	-----						
-----	YEAR 2038	-----						
-----	YEAR 2039	-----						
-----	YEAR 2040	-----						
-----	THERMAL UNIT	-----	312	SP5_15	1	5		
-----	CAPACITY SEGMENTS	-----					2	3
-----	YEAR 2011	-----						4
-----	UPPER SEG SPINNING RESERVE	-----	%	100.00	100.00	100.00	100.00	0.00
-----	YEAR 2012	-----						
-----	YEAR 2013	-----						
-----	YEAR 2014	-----						
-----	YEAR 2015	-----						
-----	YEAR 2016	-----						
-----	YEAR 2017	-----						
-----	YEAR 2018	-----						
-----	YEAR 2019	-----						
-----	YEAR 2020	-----						
-----	YEAR 2021	-----						
-----	YEAR 2022	-----						
-----	YEAR 2023	-----						
-----	YEAR 2024	-----						
-----	YEAR 2025	-----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	312	SP5_15	1	5	2	3	4
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	313	TNR_F_HM	1	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
YEAR 2018							
YEAR 2019							
YEAR 2020							
YEAR 2021							
YEAR 2022							
YEAR 2023							
YEAR 2024							
YEAR 2025							
YEAR 2026							
YEAR 2027							
YEAR 2028							
YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							
THERMAL UNIT CAPACITY SEGMENTS	314	TNR_F_15	1	1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00	
YEAR 2011							
YEAR 2012							
YEAR 2013							
YEAR 2014							
YEAR 2015							
YEAR 2016							
YEAR 2017							
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YEAR 2019							
YEAR 2020							
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YEAR 2029							
YEAR 2030							
YEAR 2031							
YEAR 2032							
YEAR 2033							
YEAR 2034							
YEAR 2035							
YEAR 2036							
YEAR 2037							
YEAR 2038							
YEAR 2039							
YEAR 2040							

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	315	TNR_F_HM 1	2	3	4
----- YEAR 2011 -----					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
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----- YEAR 2030 -----					
----- YEAR 2031 -----					
----- YEAR 2032 -----					
----- YEAR 2033 -----					
----- YEAR 2034 -----					
----- YEAR 2035 -----					
----- YEAR 2036 -----					
----- YEAR 2037 -----					
----- YEAR 2038 -----					
----- YEAR 2039 -----					
----- YEAR 2040 -----					
THERMAL UNIT CAPACITY SEGMENTS	316	TNR_F_15 1	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
----- YEAR 2011 -----					
----- YEAR 2012 -----					
----- YEAR 2013 -----					
----- YEAR 2014 -----					
----- YEAR 2015 -----					
----- YEAR 2016 -----					
----- YEAR 2017 -----					
----- YEAR 2018 -----					
----- YEAR 2019 -----					
----- YEAR 2020 -----					
----- YEAR 2021 -----					
----- YEAR 2022 -----					
----- YEAR 2023 -----					
----- YEAR 2024 -----					
----- YEAR 2025 -----					
----- YEAR 2026 -----					

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	317	TNR_F_HM 1	3	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	318	TNR_F_15 1	3	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	319	PW_GP_15 1	5	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
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YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	319	PW_GP_15 1	5	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
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YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

4-Company East Optimization

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	320	RHills 1	1	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	364	1	0	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	500	DUMMY_OP	1	2	3	4
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS	501	DUMMY_IM	1	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

UPPER SEG SPINNING RESERVE	%	DUMMY_OP	1	2	3	4
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						

THERMAL UNIT CAPACITY SEGMENTS 502 DUMMY_AP 1 0 2 3 4 1783

4-Company East Optimization

UPPER SEG SPINNING RESERVE	YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS YEAR 2011 YEAR 2012 YEAR 2013 YEAR 2014 YEAR 2015 YEAR 2016 YEAR 2017 YEAR 2018 YEAR 2019 YEAR 2020 YEAR 2021 YEAR 2022 YEAR 2023 YEAR 2024 YEAR 2025 YEAR 2026	503	DOWNT_KP 1	0	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
THERMAL UNIT CAPACITY SEGMENTS						
YEAR 2011	958	CC_KPCO	958			
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	959	RP2D_KP 1	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	960	RP2D_IM 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	961	CSV6_SCR 1	2	3	4
YEAR 2040					

4-Company East Optimization

YEAR	UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011	-----					
YEAR 2012	-----					
YEAR 2013	-----					
YEAR 2014	-----					
YEAR 2015	-----					
YEAR 2016	-----					
YEAR 2017	-----					
YEAR 2018	-----					
YEAR 2019	-----					
YEAR 2020	-----					
YEAR 2021	-----					
YEAR 2022	-----					
YEAR 2023	-----					
YEAR 2024	-----					
YEAR 2025	-----					
YEAR 2026	-----					
YEAR 2027	-----					
YEAR 2028	-----					
YEAR 2029	-----					
YEAR 2030	-----					
YEAR 2031	-----					
YEAR 2032	-----					
YEAR 2033	-----					
YEAR 2034	-----					
YEAR 2035	-----					
YEAR 2036	-----					
YEAR 2037	-----					
YEAR 2038	-----					
YEAR 2039	-----					
YEAR 2040	-----					

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	962	CSV5_SCR 1 962	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS	963	DUMMY_OP 1 963	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	964	DOWNTIME_OP 1 964	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
CAPACITY SEGMENTS					
YEAR 2011	965	RPID_03	1 965	2	3
UPPER SBG SPINNING RESERVE					
YEAR 2012	%	100.00	100.00	100.00	100.00
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
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YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
CAPACITY SEGMENTS					
YEAR 2011	966	RPID_KP	1 966	2	3
UPPER SBG SPINNING RESERVE					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
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YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT 966 RPID_KP 1 966 2 3 4
CAPACITY SEGMENTS 1791

4-Company East Optimization

YEAR 2011	YEAR 2012	YEAR 2013	YEAR 2014	YEAR 2015	YEAR 2016	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021	YEAR 2022	YEAR 2023	YEAR 2024	YEAR 2025	YEAR 2026	YEAR 2027	YEAR 2028	YEAR 2029	YEAR 2030	YEAR 2031	YEAR 2032	YEAR 2033	YEAR 2034	YEAR 2035	YEAR 2036	YEAR 2037	YEAR 2038	YEAR 2039	YEAR 2040
UPPER SEG SPINNING RESERVE																													
%																													
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
 VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THermal UNIT CAPACITY SEGMENTS	967	BS2 FGD 1	967	2	3	4
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	100.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
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----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						
----- YEAR 2011 -----						
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	100.00	0.00
----- YEAR 2012 -----						
----- YEAR 2013 -----						
----- YEAR 2014 -----						
----- YEAR 2015 -----						
----- YEAR 2016 -----						
----- YEAR 2017 -----						
----- YEAR 2018 -----						
----- YEAR 2019 -----						
----- YEAR 2020 -----						
----- YEAR 2021 -----						
----- YEAR 2022 -----						
----- YEAR 2023 -----						
----- YEAR 2024 -----						
----- YEAR 2025 -----						
----- YEAR 2026 -----						

THermal UNIT
CAPACITY SEGMENTS 968 CR2_NGCC 968

1 2 3 4

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAR.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	969	CRI_NGCC 1 969	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS					
YEAR 2011	970	MRS_NGCC 1 970	2	3	4
UPPER SEG SPINNING RESERVE	%	100.00	100.00	100.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS					
971	DUMMY_OP 1 971	2	3	4	
1795					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	972	DUMMY_OP 1 972	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS	973	DUMMY_OP 1 973	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	974	DUMMY_OP 1 974	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS					
YEAR 2011	975	DUMMY_OP 1 975	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS					
976	DUMMY_OP 1 976	2	3	4	
1799					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	977	DUMMY_OP 1 977	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT
CAPACITY SEGMENTS 978 DUMMY_OP 978

UPPER SEG SPINNING RESERVE	%	1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

-----	YEAR 2027	-----					
-----	YEAR 2028	-----					
-----	YEAR 2029	-----					
-----	YEAR 2030	-----					
-----	YEAR 2031	-----					
-----	YEAR 2032	-----					
-----	YEAR 2033	-----					
-----	YEAR 2034	-----					
-----	YEAR 2035	-----					
-----	YEAR 2036	-----					
-----	YEAR 2037	-----					
-----	YEAR 2038	-----					
-----	YEAR 2039	-----					
-----	YEAR 2040	-----					
	THERMAL UNIT		979				
	CAPACITY SEGMENTS			DUMMY_OP	979		
				1			
-----	YEAR 2011	-----					
-----	UPPER SEG SPINNING RESERVE	-----	%				
-----	YEAR 2012	-----		0.00			
-----	YEAR 2013	-----			0.00		
-----	YEAR 2014	-----				0.00	
-----	YEAR 2015	-----					0.00
-----	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.

THERMAL UNIT CAPACITY SEGMENTS	979	DUMMY_OP 1 979	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS	980	DUMMY_OP 1 980	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS	981	DUMMY_OP 1 981	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	982	DUMMY_OP 1	982	2	3	4
YEAR 2011						
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						
YEAR 2027						
YEAR 2028						
YEAR 2029						
YEAR 2030						
YEAR 2031						
YEAR 2032						
YEAR 2033						
YEAR 2034						
YEAR 2035						
YEAR 2036						
YEAR 2037						
YEAR 2038						
YEAR 2039						
YEAR 2040						
THERMAL UNIT CAPACITY SEGMENTS	983	DUMMY_OP 1	983	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00	0.00
YEAR 2011						
YEAR 2012						
YEAR 2013						
YEAR 2014						
YEAR 2015						
YEAR 2016						
YEAR 2017						
YEAR 2018						
YEAR 2019						
YEAR 2020						
YEAR 2021						
YEAR 2022						
YEAR 2023						
YEAR 2024						
YEAR 2025						
YEAR 2026						

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	984	DUMMY_OP 1 984	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	985	DUMMY_OP 1 985	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

THERMAL UNIT CAPACITY SEGMENTS	986	DUMMY_OP 1 986	2	3	4
YEAR 2040					

AEP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	987	DUMMY_OP 1	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS	988	DUMMY_OP 1	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL.UNIT.

THERMAL UNIT CAPACITY SEGMENTS	989	DUMMY_OP 1 989	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
CAPACITY SEGMENTS					
YEAR 2011	990	DUMMY_OP 1 990	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT					
CAPACITY SEGMENTS					
YEAR 2011	991	DUMMY_OP 1 991	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					

4-Company East Optimization

UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00
YEAR 2011				
YEAR 2012				
YEAR 2013				
YEAR 2014				
YEAR 2015				
YEAR 2016				
YEAR 2017				
YEAR 2018				
YEAR 2019				
YEAR 2020				
YEAR 2021				
YEAR 2022				
YEAR 2023				
YEAR 2024				
YEAR 2025				
YEAR 2026				
YEAR 2027				
YEAR 2028				
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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				

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	992	DUMMY_OP 1 992	2	3	4
YEAR 2011					
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
THERMAL UNIT CAPACITY SEGMENTS	993	DUMMY_OP 1 993	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2011					
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = GAF.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	994	DUMMY_OP 1 994	2	3	4
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS					
YEAR 2011	995	DUMMY_OP 1 995	2	3	4
UPPER SEG SPINNING RESERVE	%	0.00	0.00	0.00	0.00
YEAR 2012					
YEAR 2013					
YEAR 2014					
YEAR 2015					
YEAR 2016					
YEAR 2017					
YEAR 2018					
YEAR 2019					
YEAR 2020					
YEAR 2021					
YEAR 2022					
YEAR 2023					
YEAR 2024					
YEAR 2025					
YEAR 2026					
YEAR 2027					
YEAR 2028					
YEAR 2029					
YEAR 2030					
YEAR 2031					
YEAR 2032					
YEAR 2033					
YEAR 2034					
YEAR 2035					
YEAR 2036					
YEAR 2037					
YEAR 2038					
YEAR 2039					
YEAR 2040					
THERMAL UNIT CAPACITY SEGMENTS					
996	T4_TRONA	996	2	3	4
1815					

APP EAST
GENERATION AND FUEL MODULE
INPUT SUMMARY REPORT

QUALIFIER = CAP.INPUT.THERMAL UNIT.

THERMAL UNIT CAPACITY SEGMENTS	999	DUMMY_OP	1	2	3	4
----- YEAR 2026 -----						
----- YEAR 2027 -----						
----- YEAR 2028 -----						
----- YEAR 2029 -----						
----- YEAR 2030 -----						
----- YEAR 2031 -----						
----- YEAR 2032 -----						
----- YEAR 2033 -----						
----- YEAR 2034 -----						
----- YEAR 2035 -----						
----- YEAR 2036 -----						
----- YEAR 2037 -----						
----- YEAR 2038 -----						
----- YEAR 2039 -----						
----- YEAR 2040 -----						

NOTE: DATA DISPLAYED AFTER 2011 ONLY IF
VALUE CHANGED FROM PREVIOUS YEAR.

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r.u.b | r.u.b

r.u.b | r.u.b

r.u.b | r.u.b

r.u.b | r.u.b

r.u.b | r.u.b

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r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h
r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h
r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h
r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h	r.d.t	z. h



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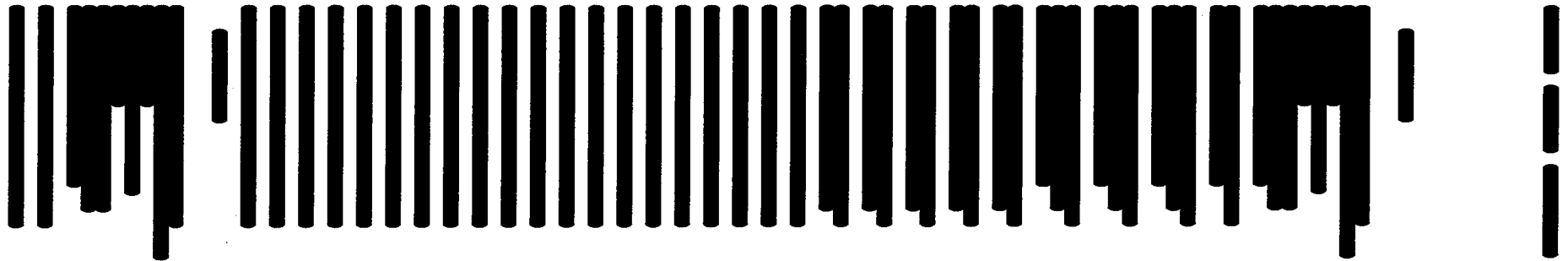
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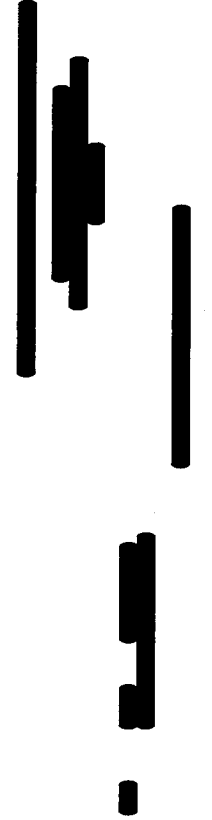
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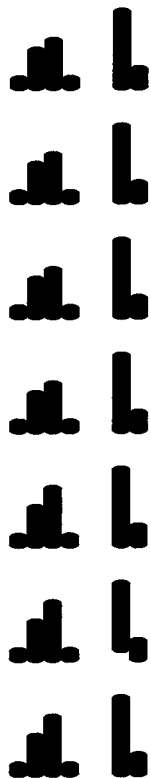
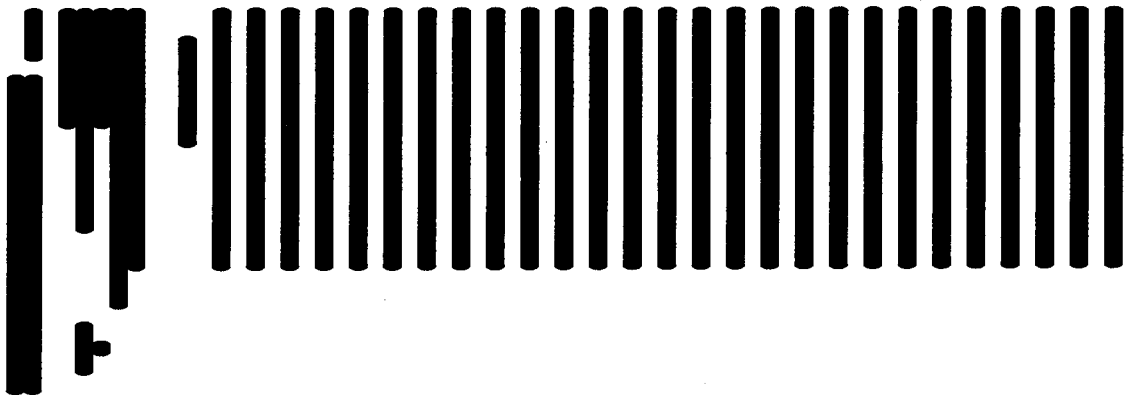
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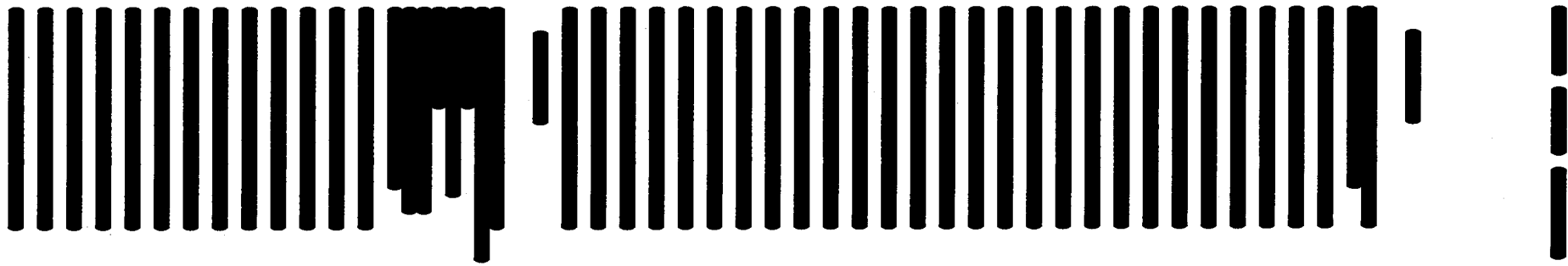
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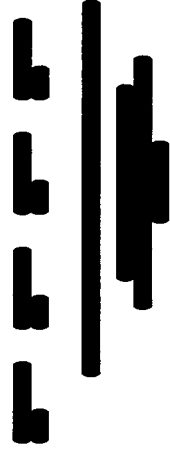
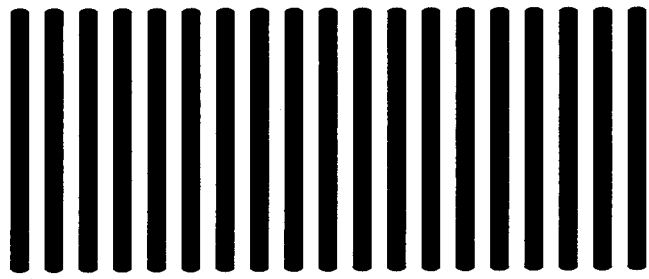
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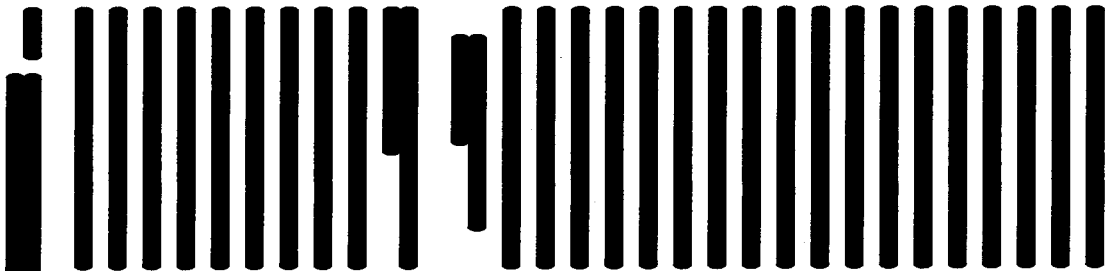
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NOTE: DATA DISPLAYED AFTER 2011 ONLY. THE
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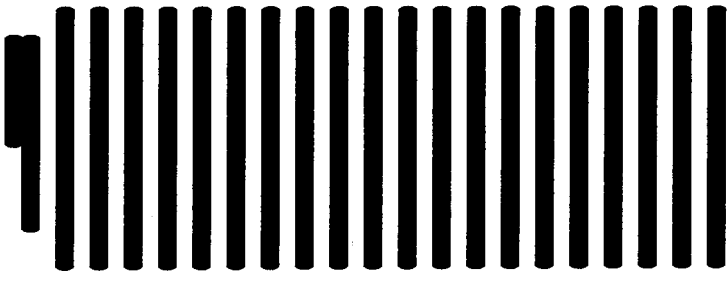
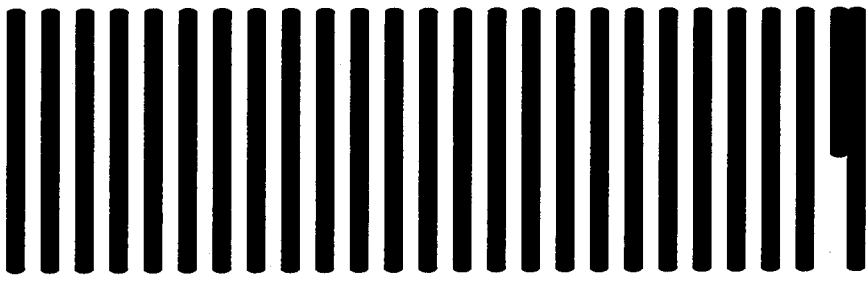


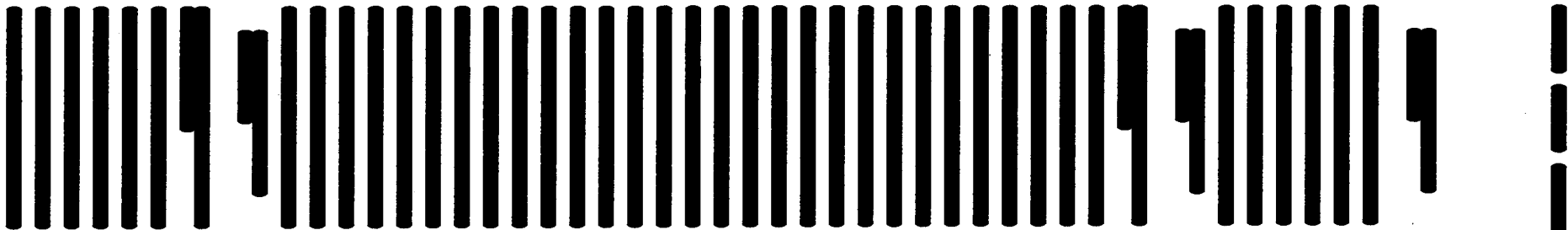


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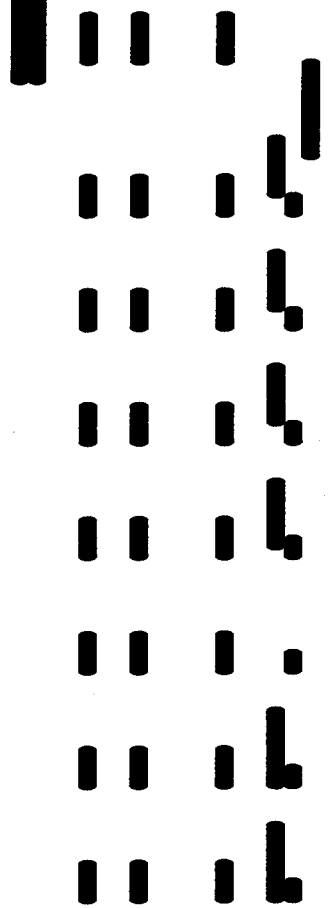
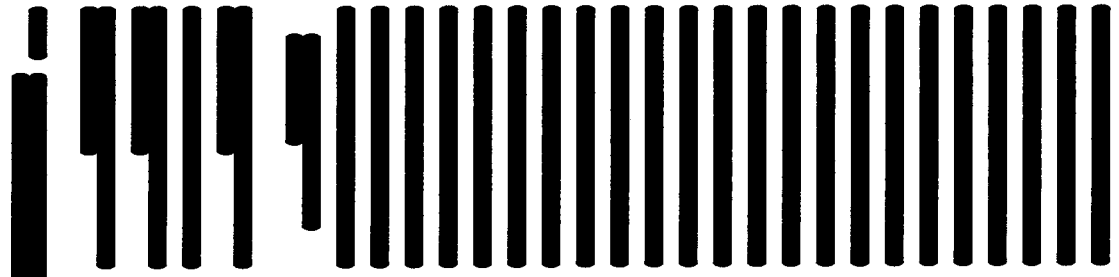




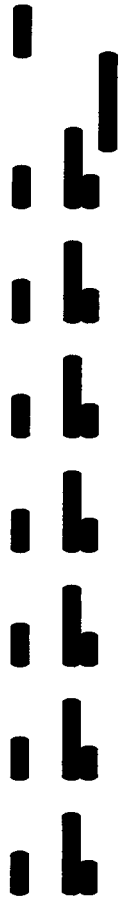
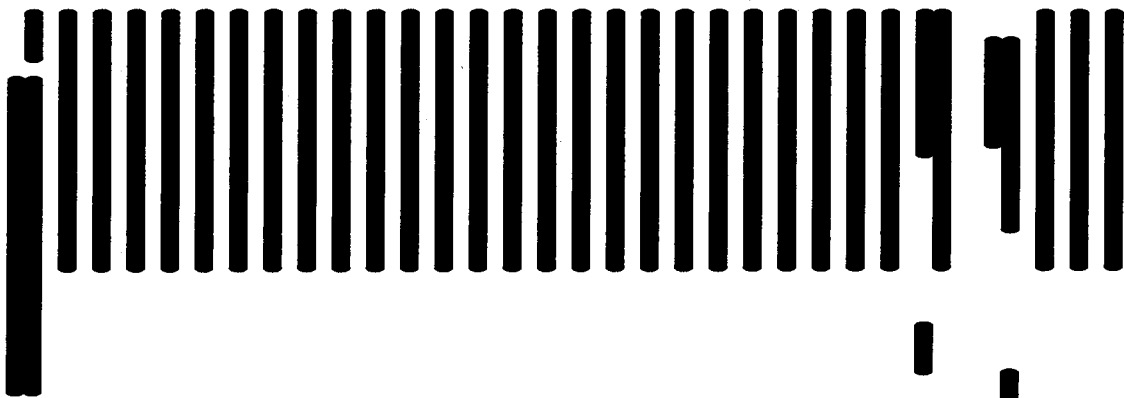
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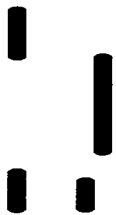
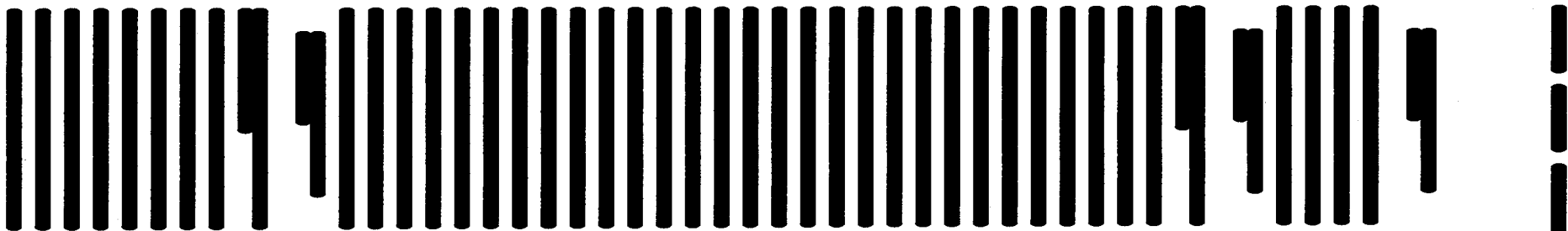
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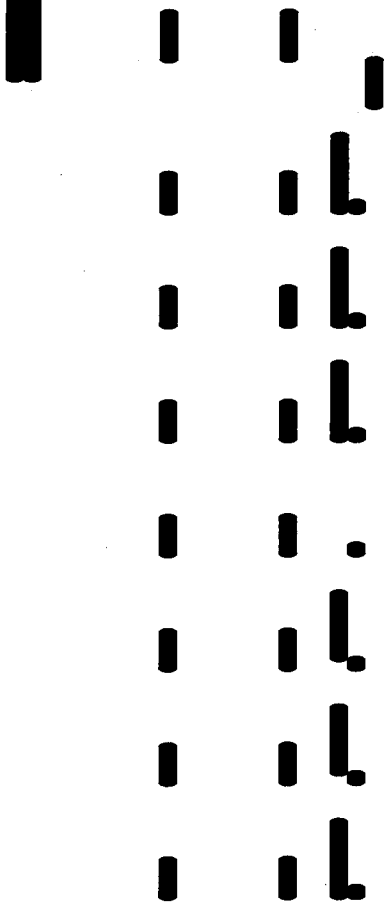
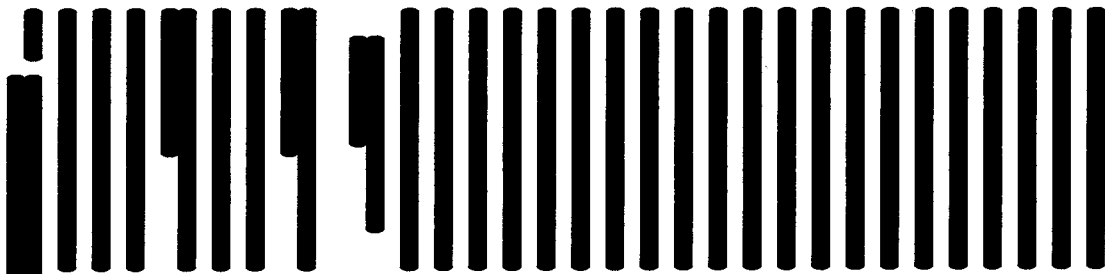
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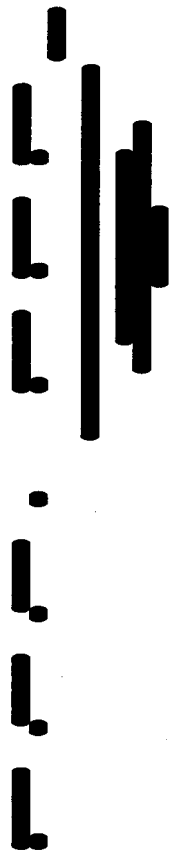
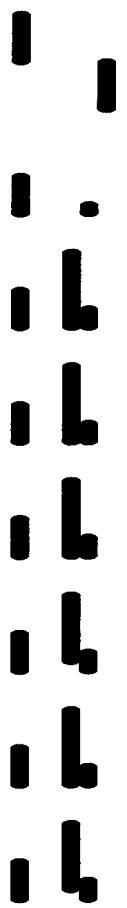


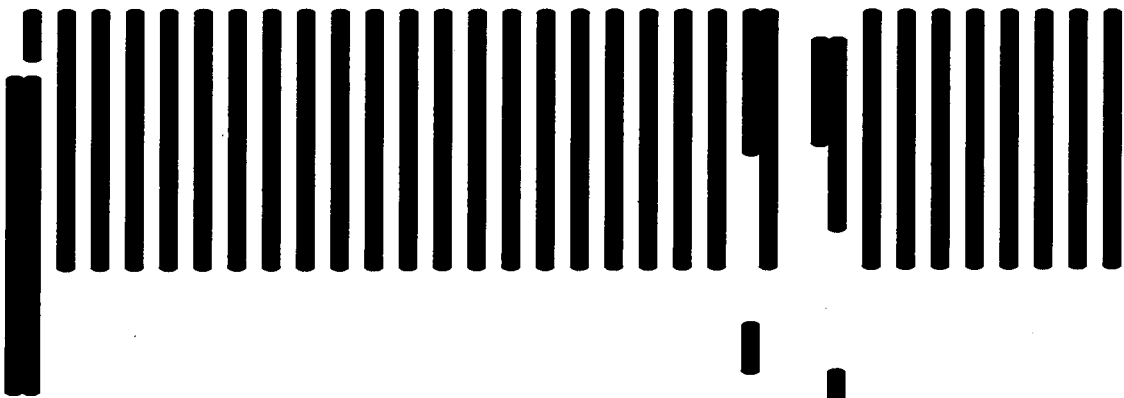








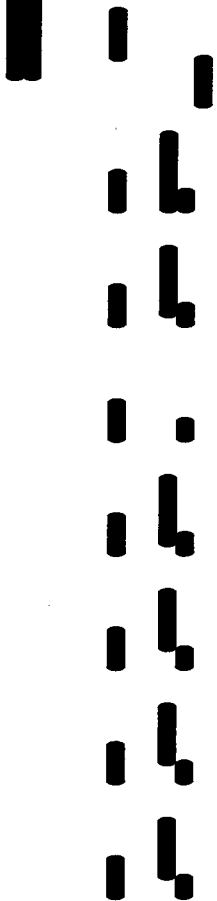
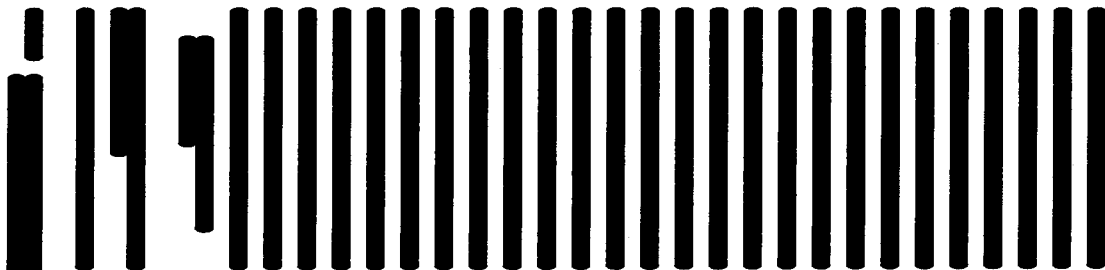


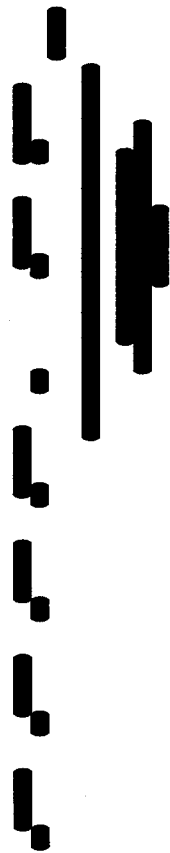
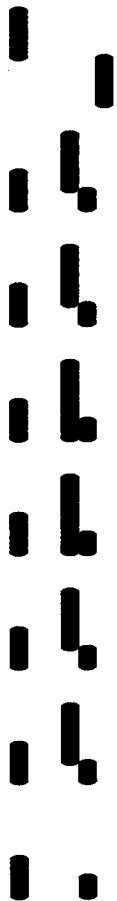
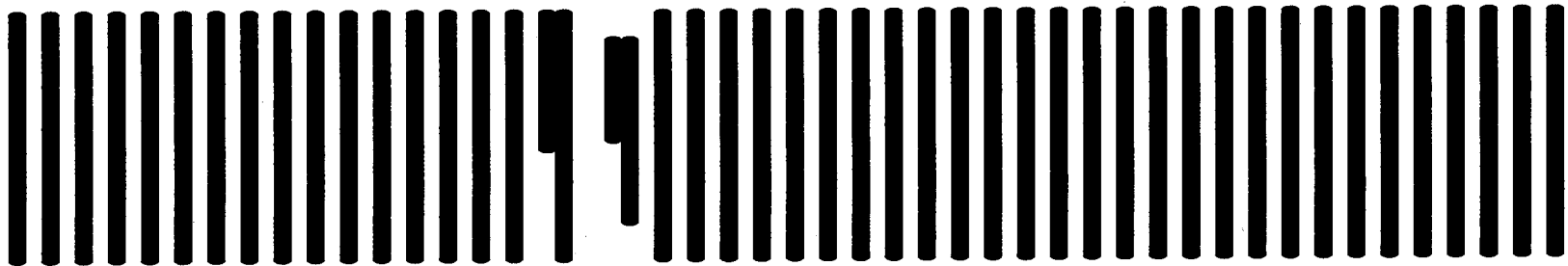


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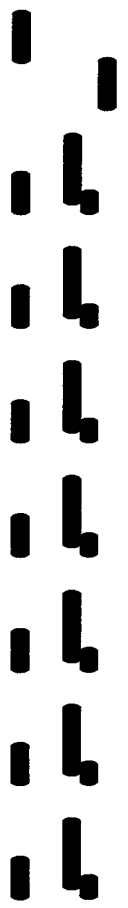
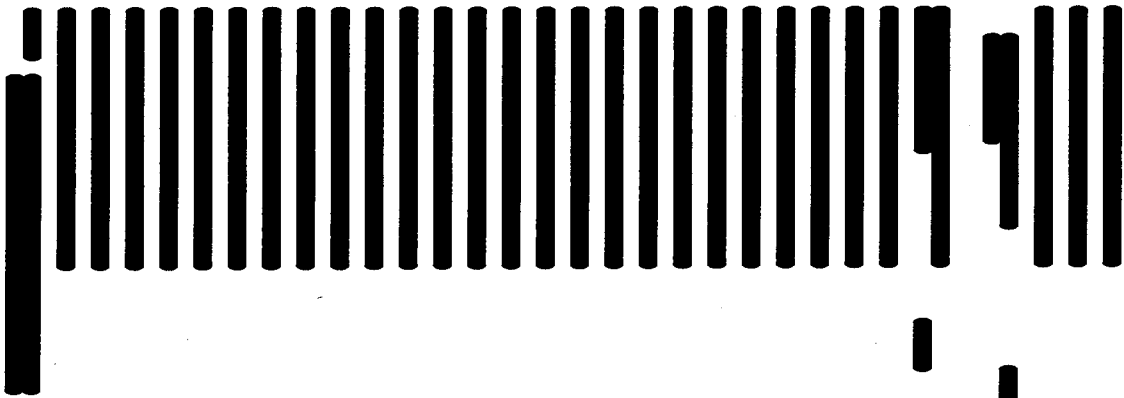
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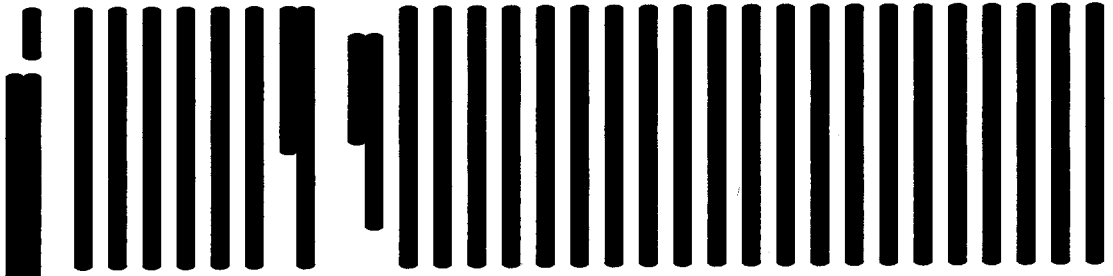


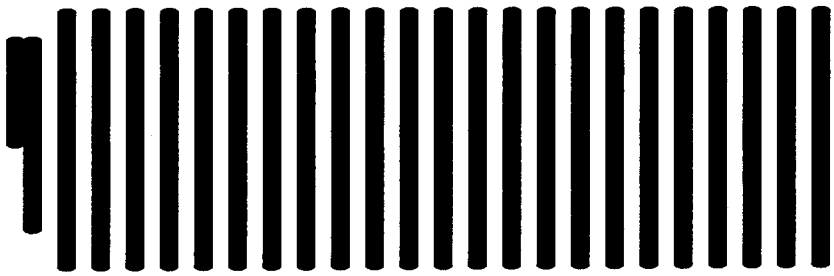
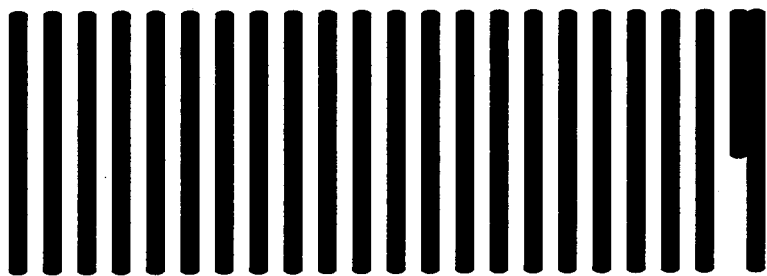




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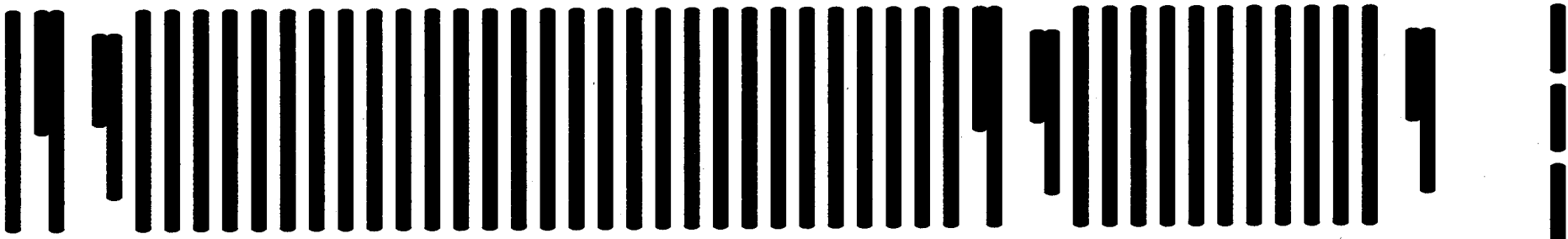




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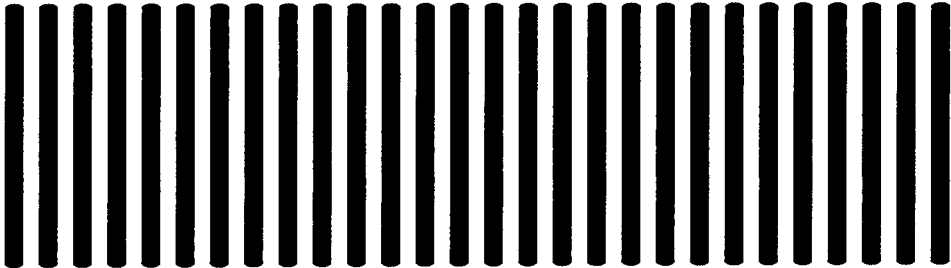
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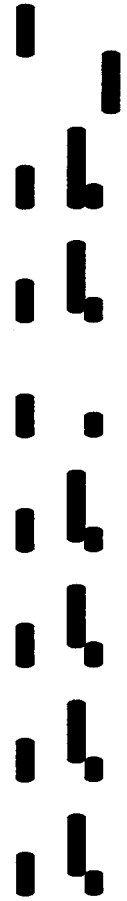


Vertical text on the left side, consisting of several columns of black bars of varying heights and widths, arranged in a somewhat regular pattern.

Vertical text in the middle-right section, consisting of several columns of black bars of varying heights and widths, arranged in a somewhat regular pattern.

Vertical text on the right side, consisting of several columns of black bars of varying heights and widths, arranged in a somewhat regular pattern.







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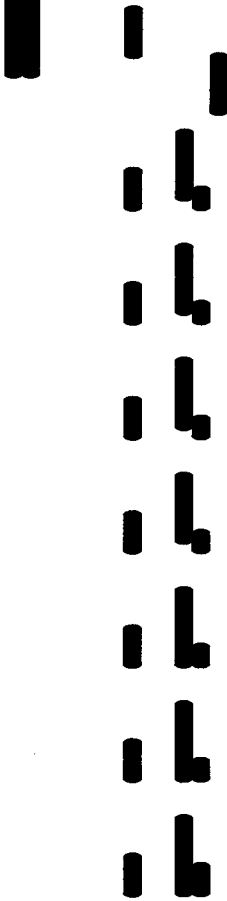
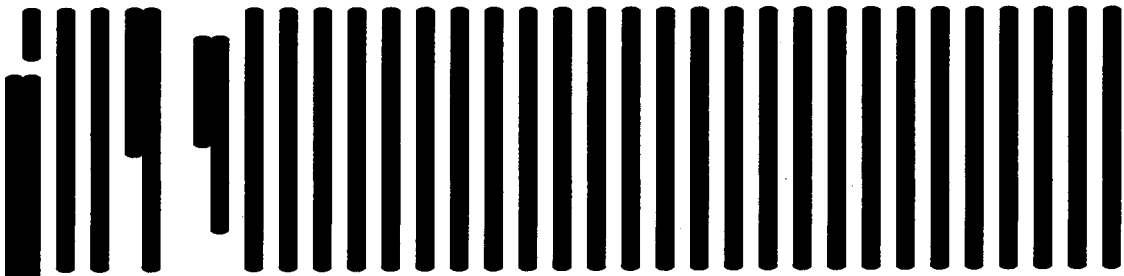
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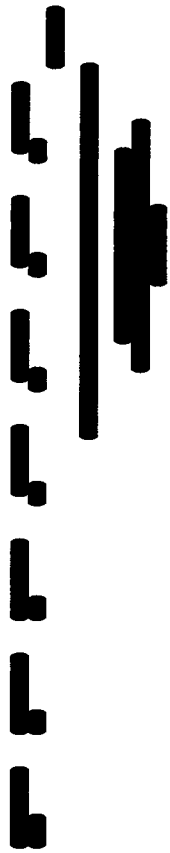
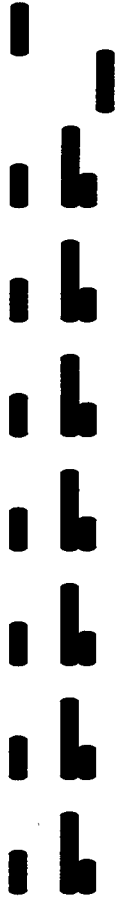
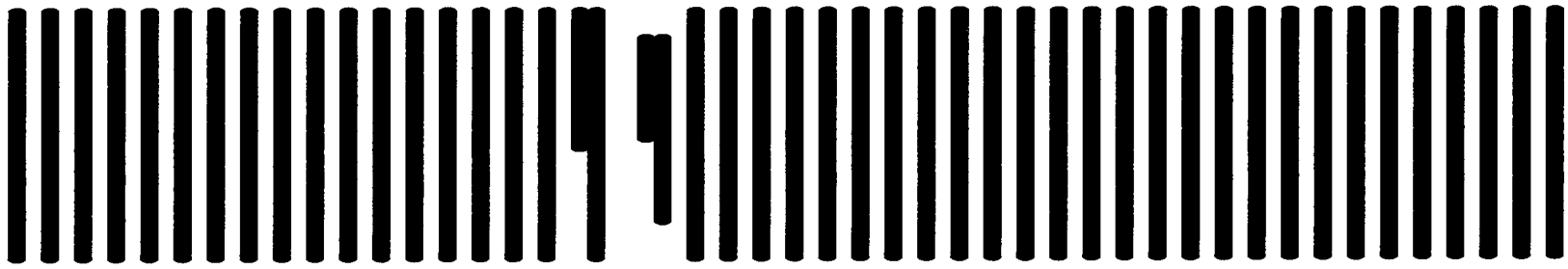
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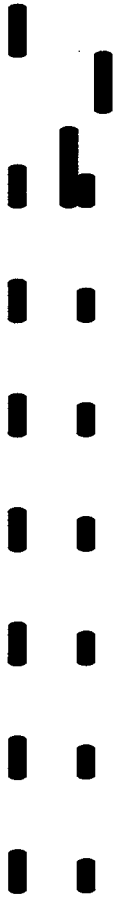
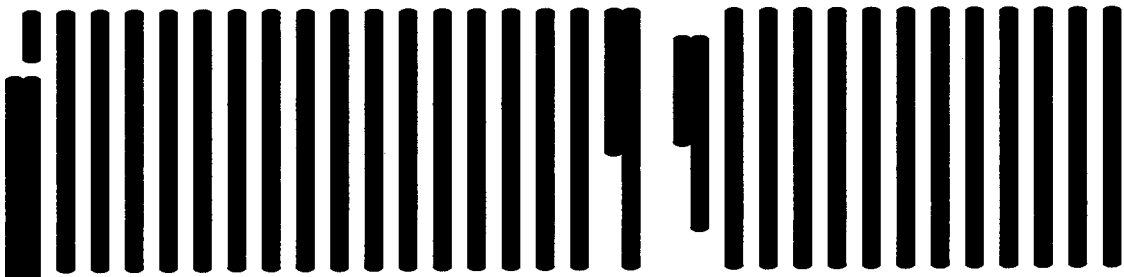
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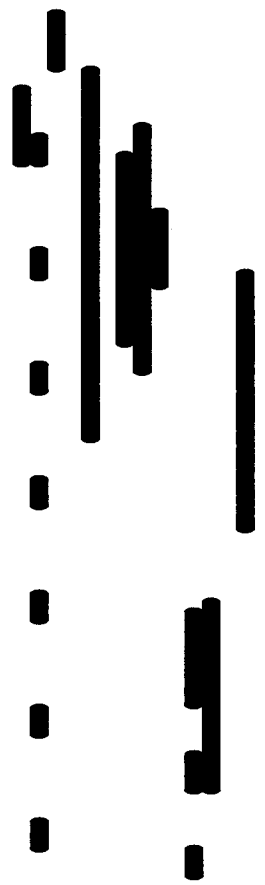
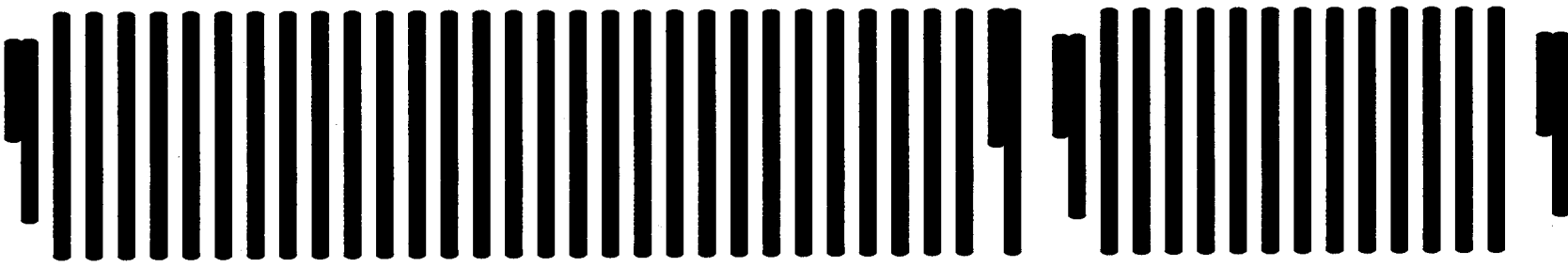
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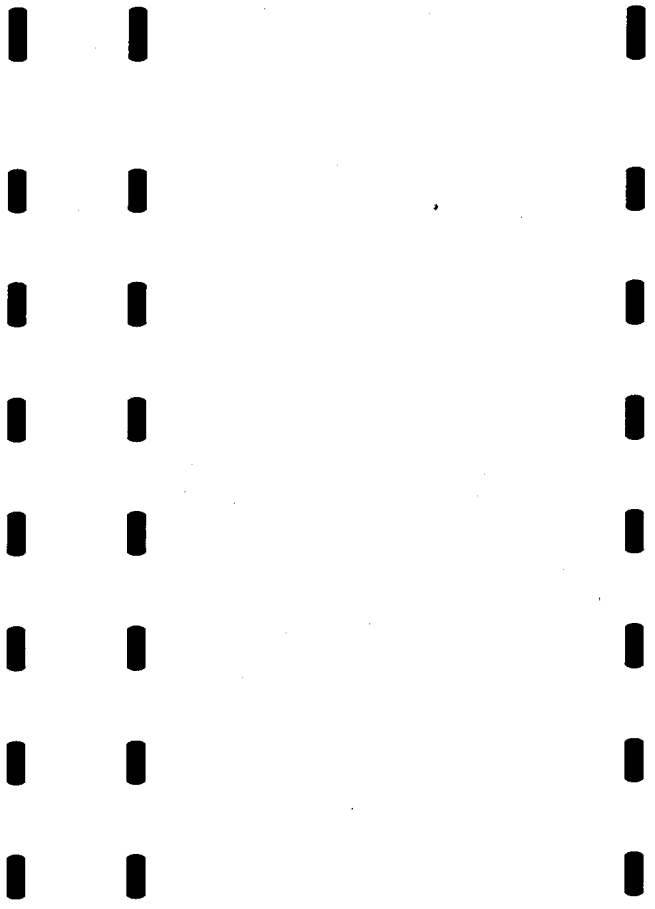
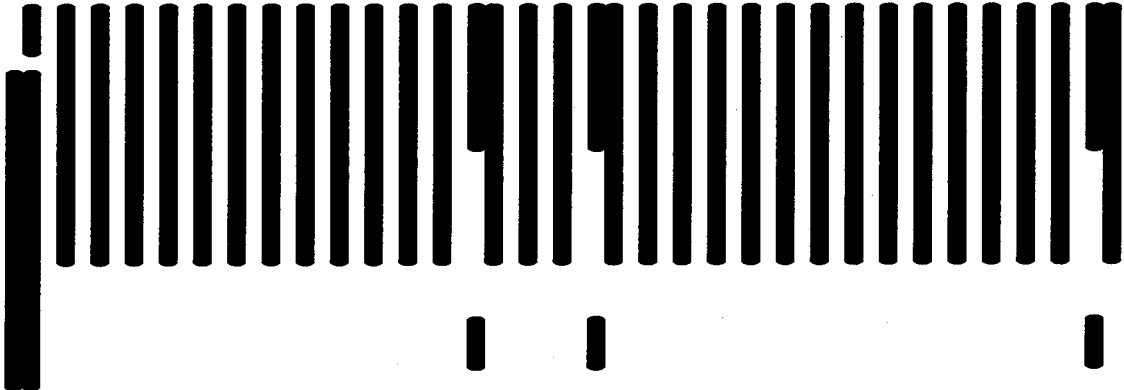










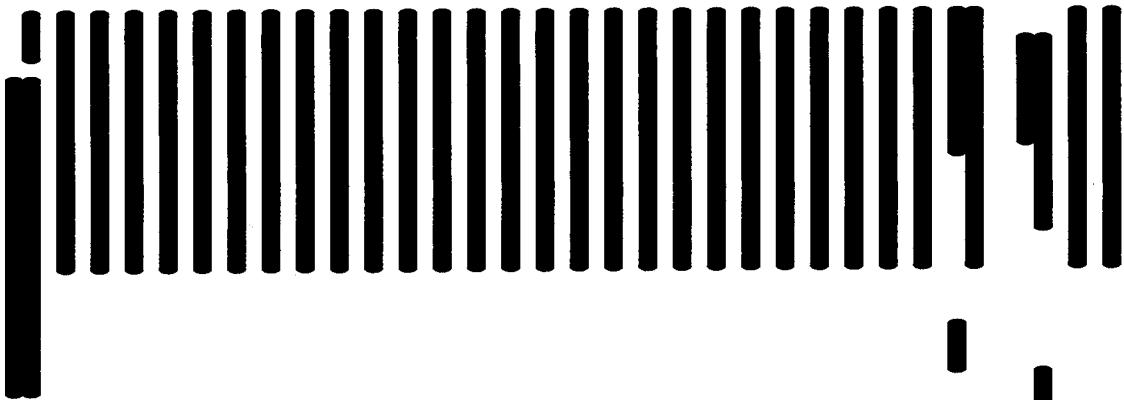




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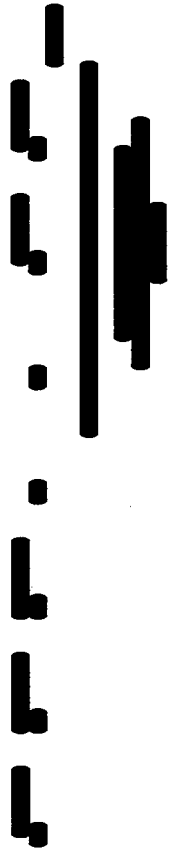
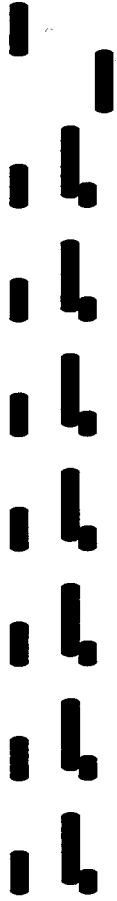
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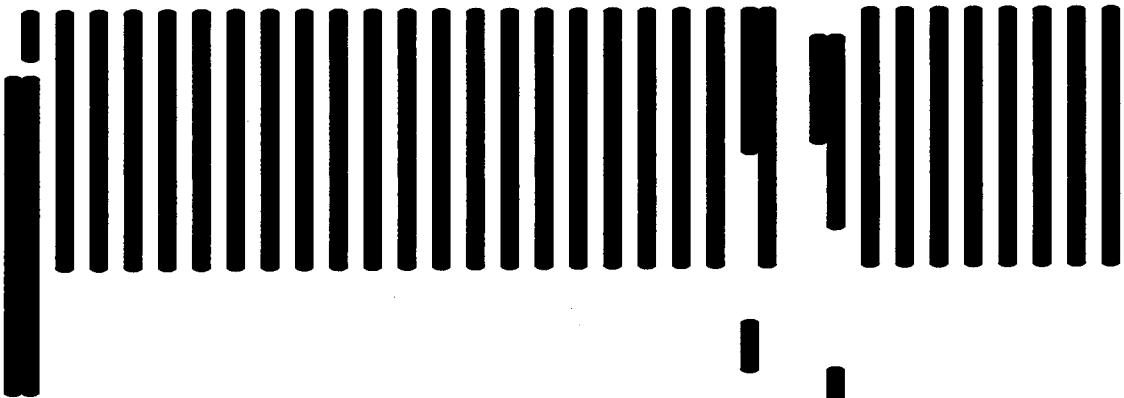


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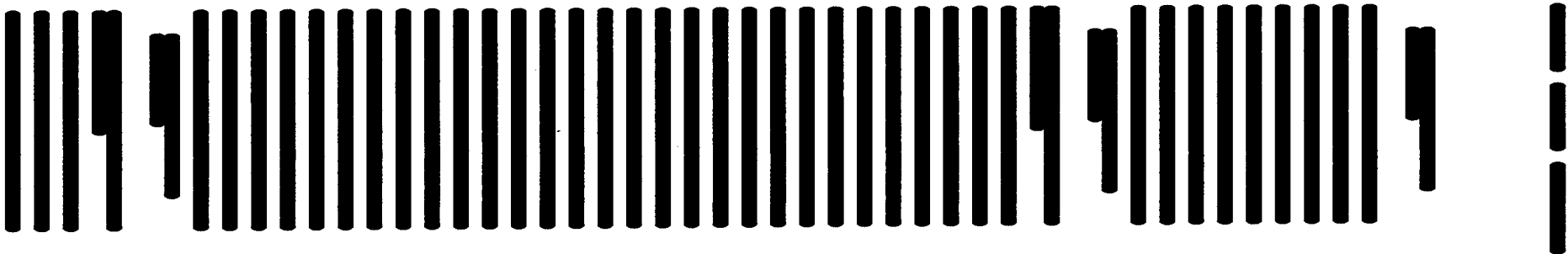




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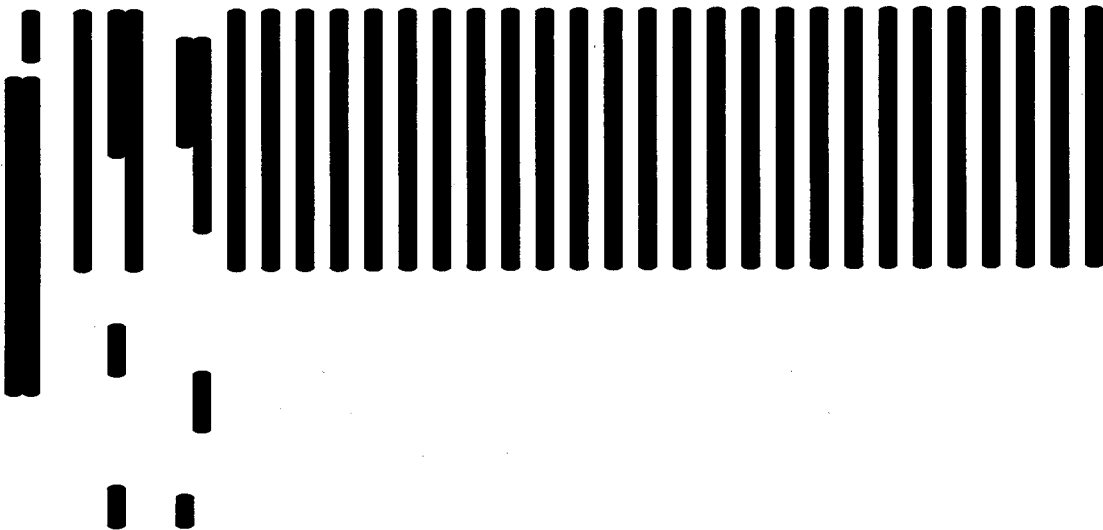
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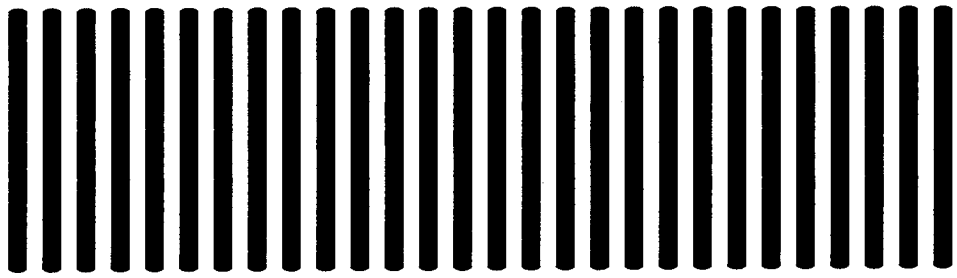


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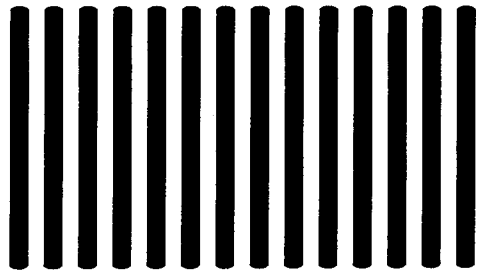
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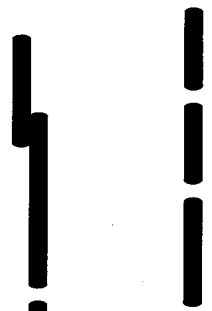
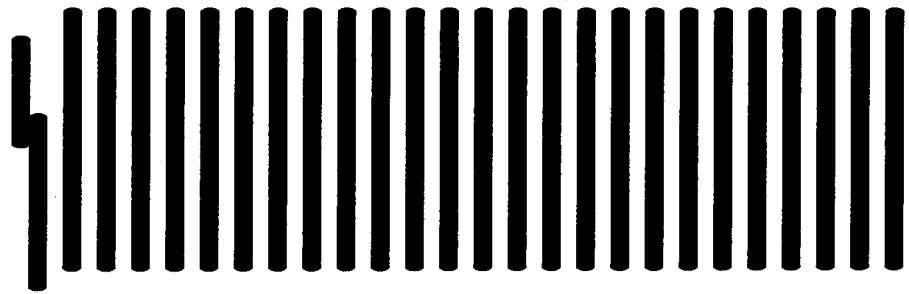
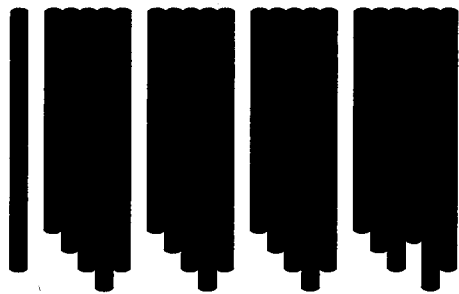
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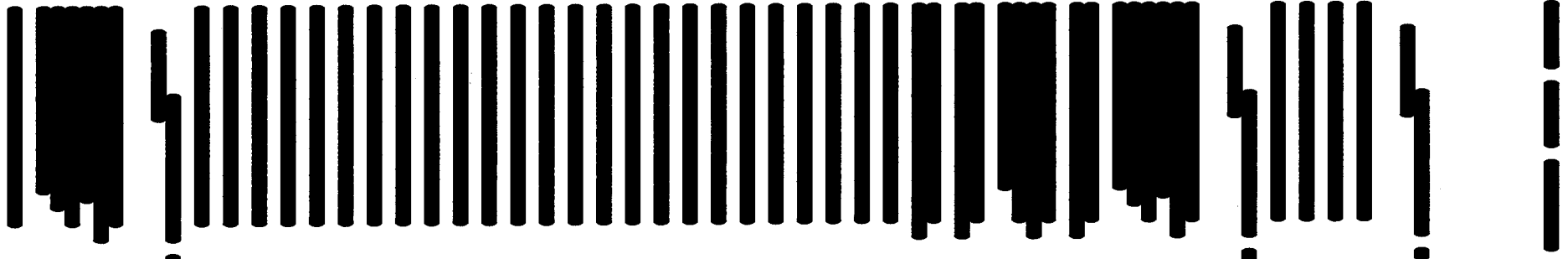
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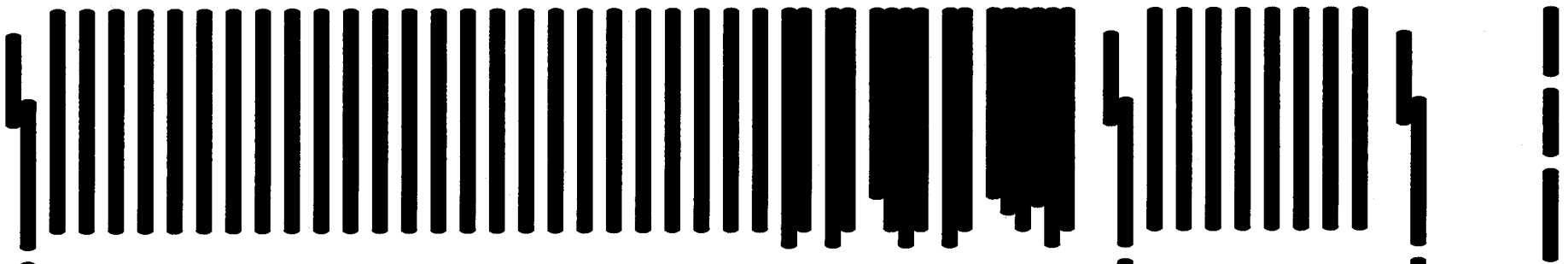
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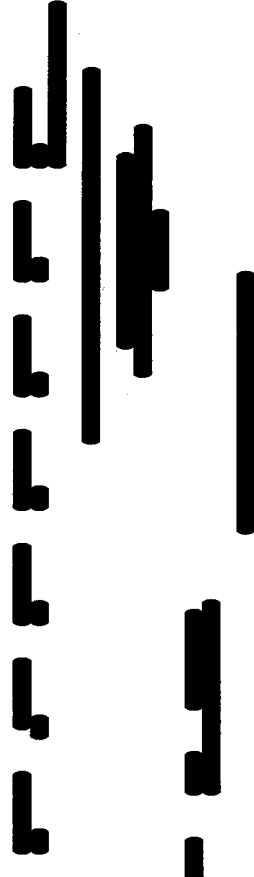
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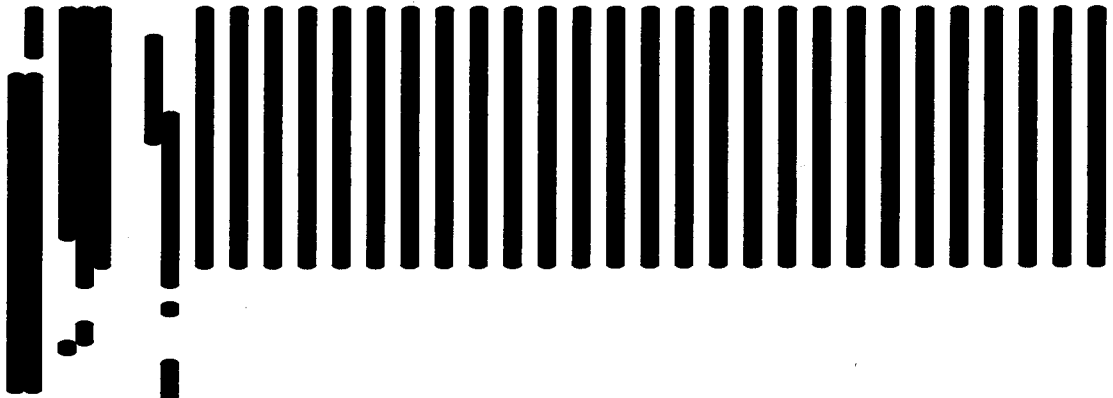
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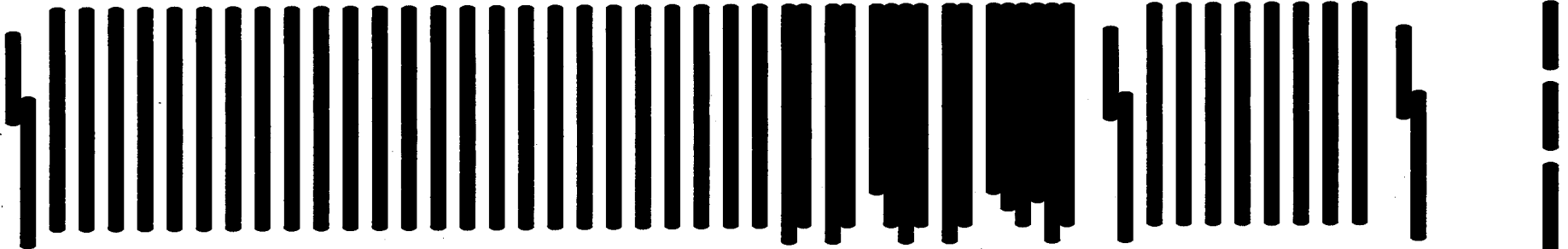
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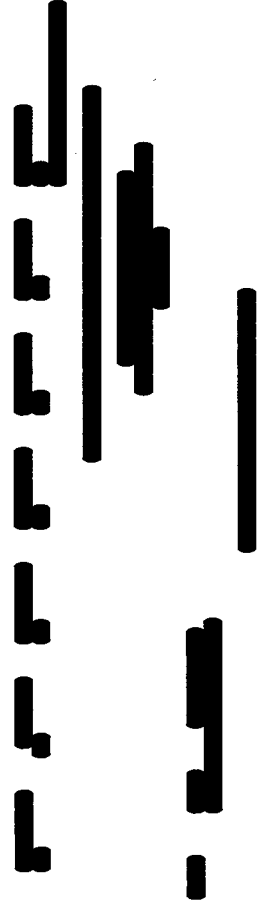
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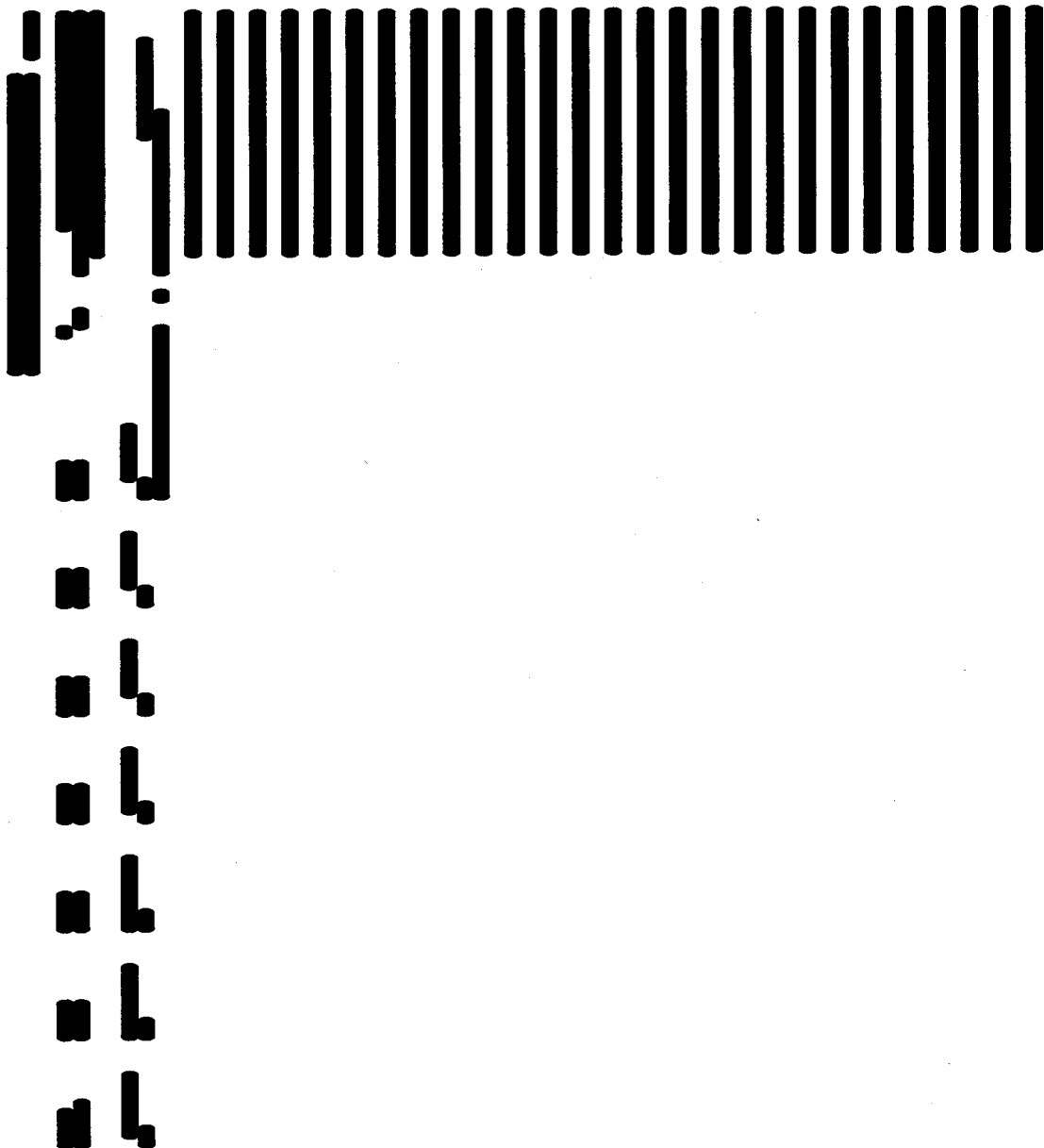
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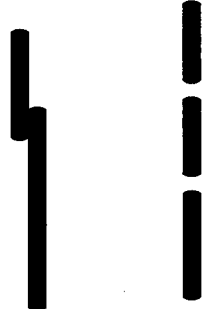
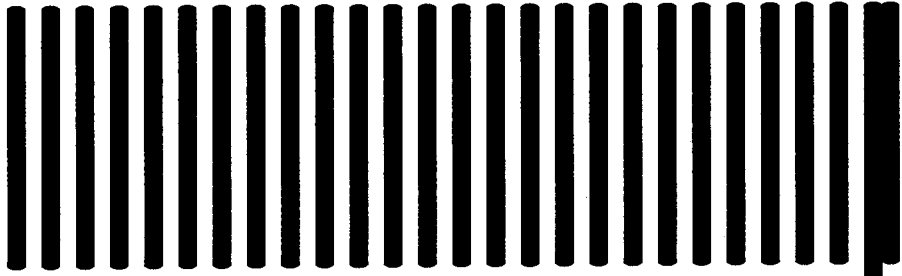
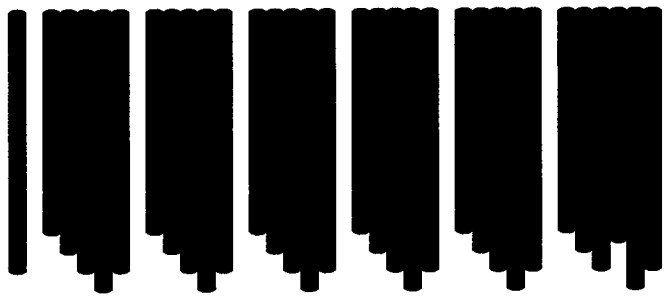
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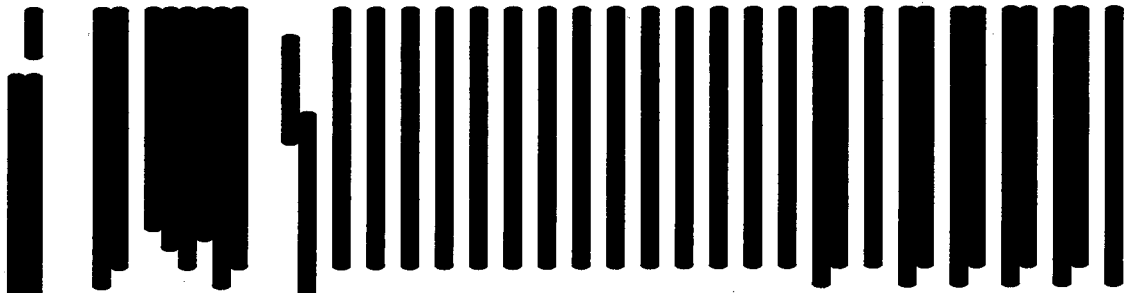
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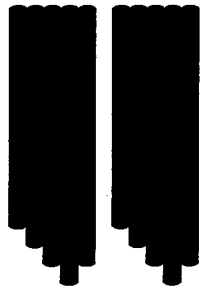
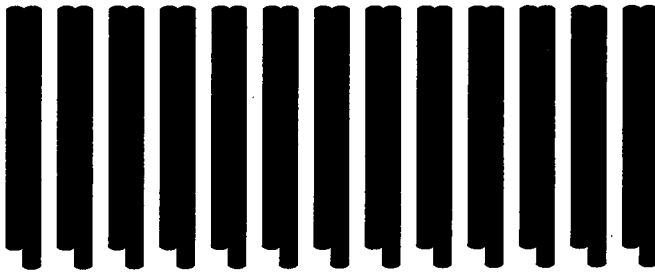
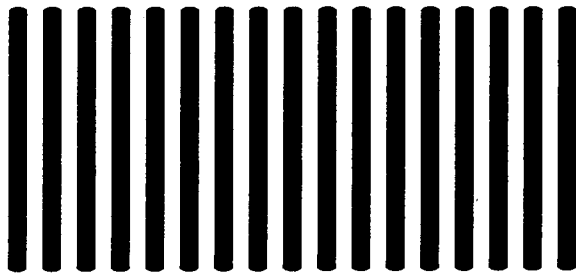
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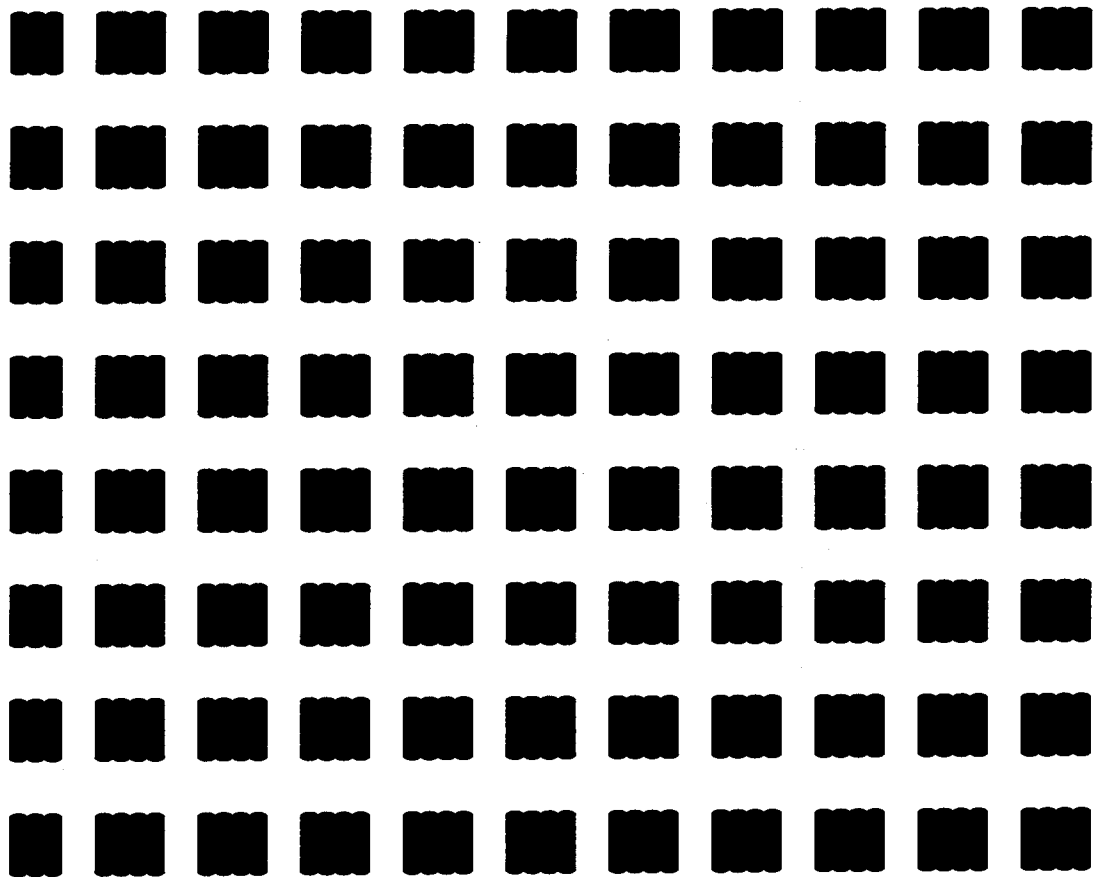
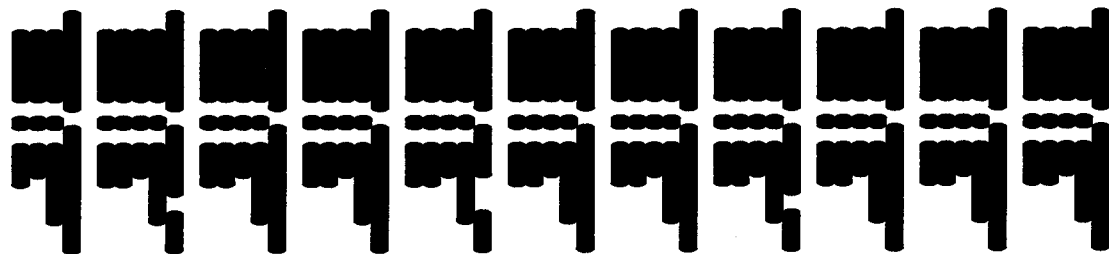
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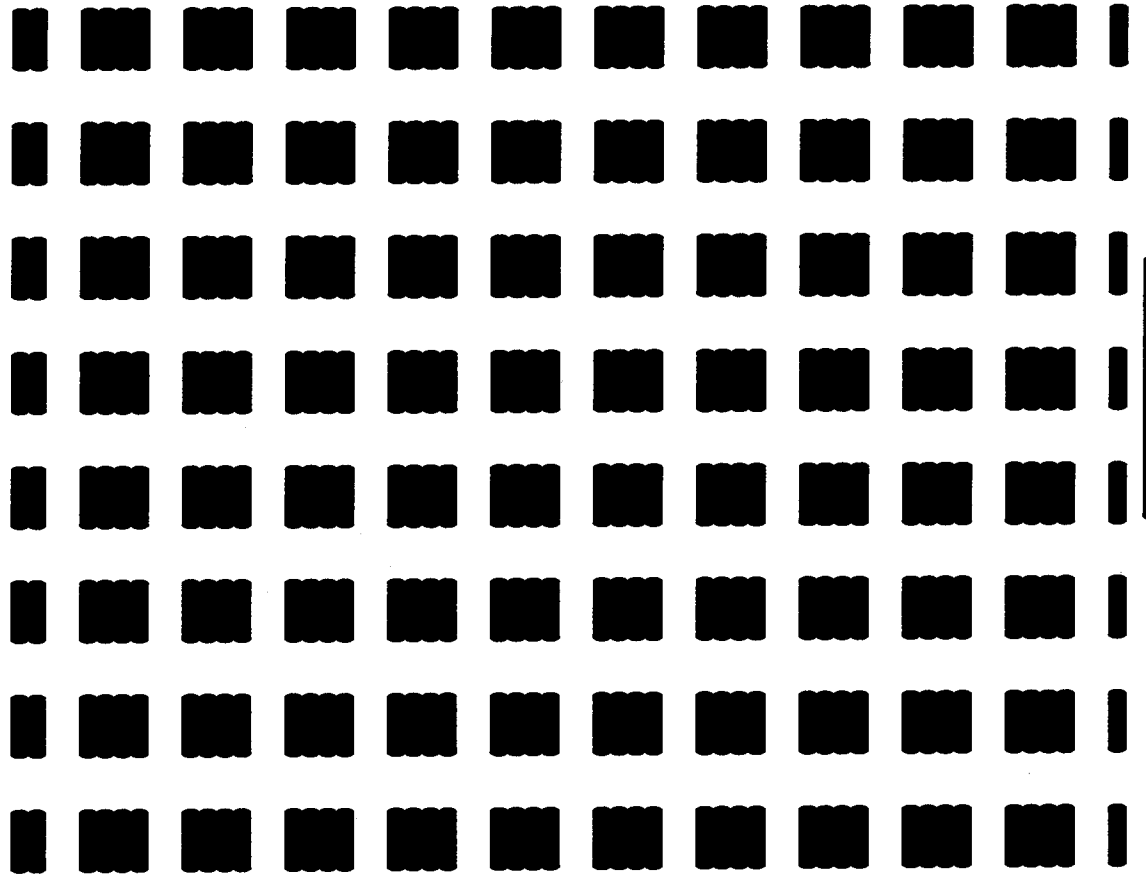
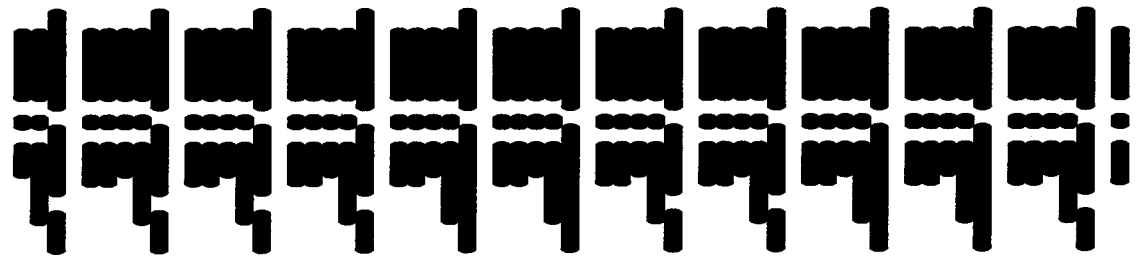
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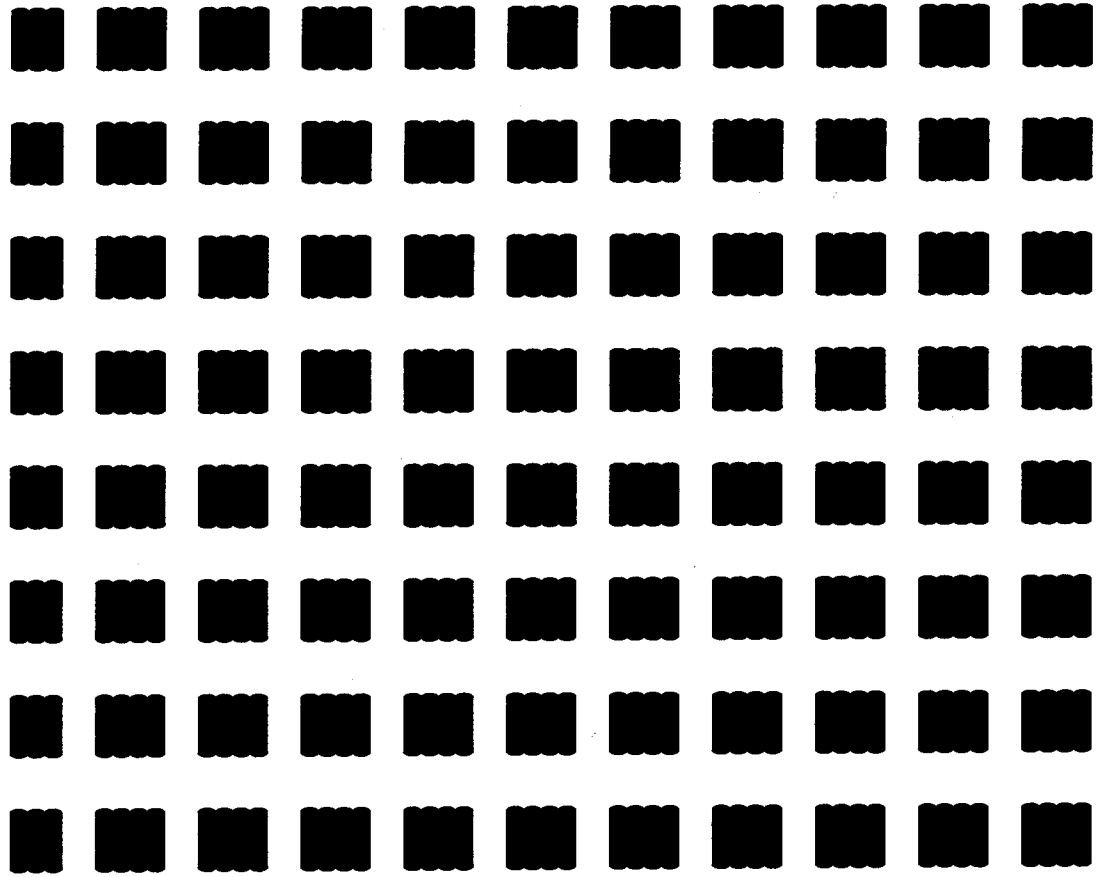
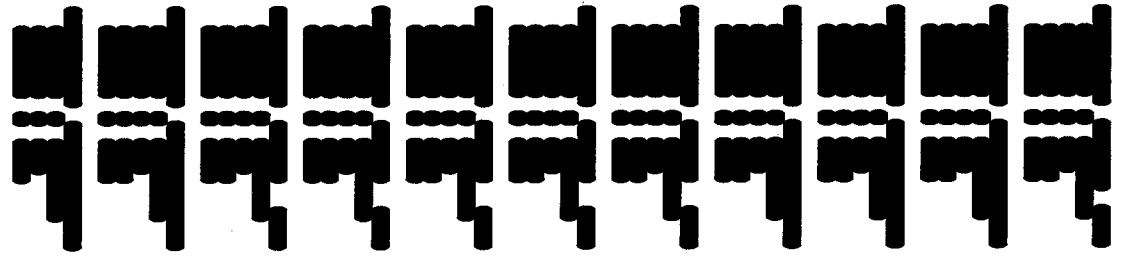
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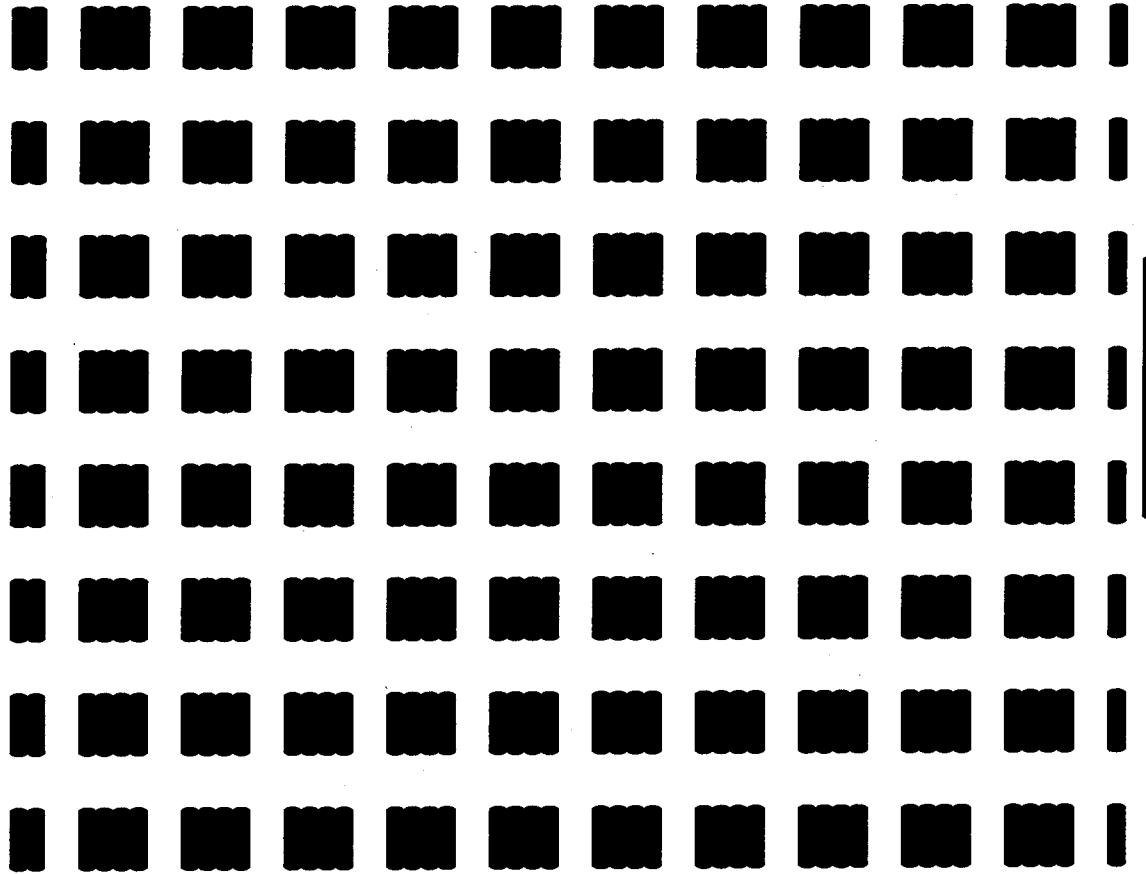
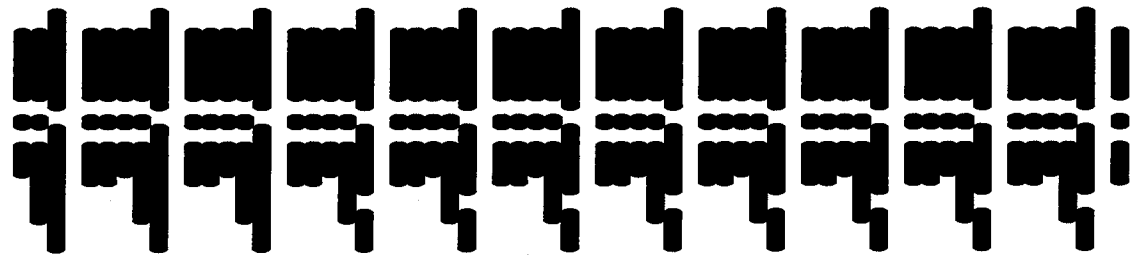
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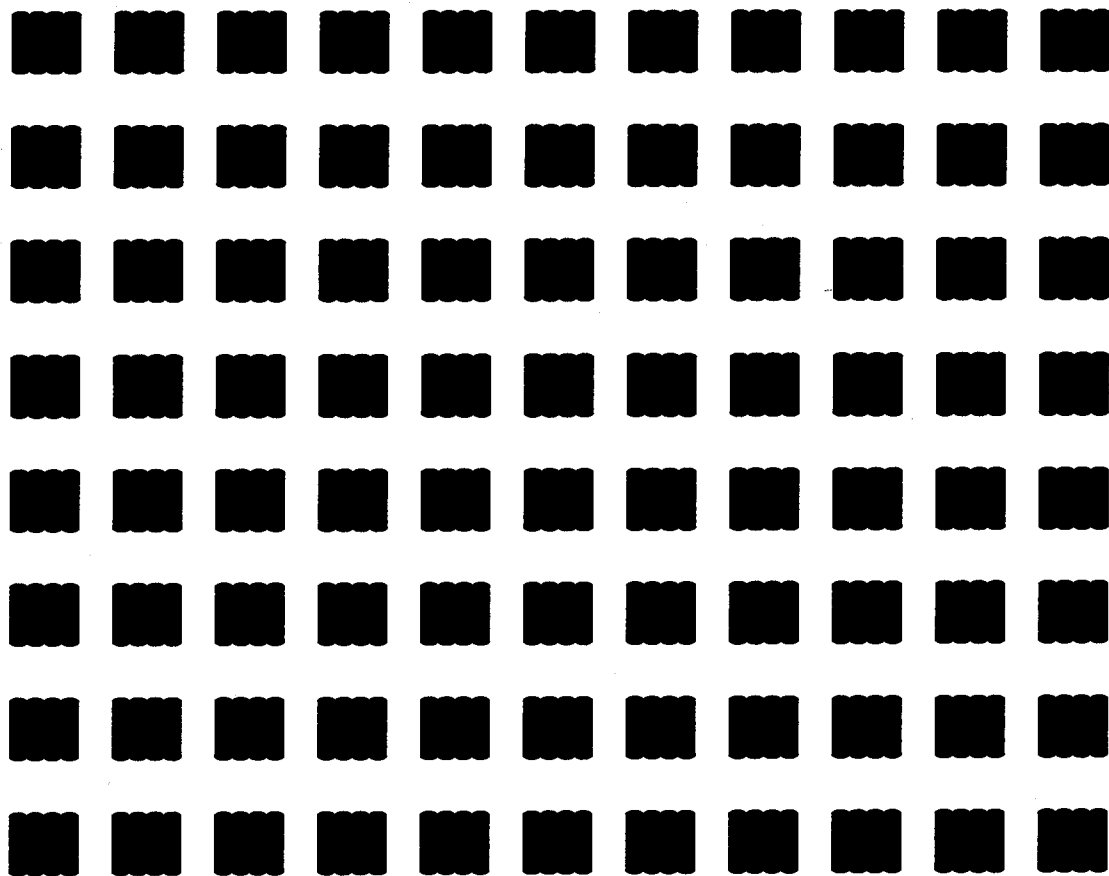
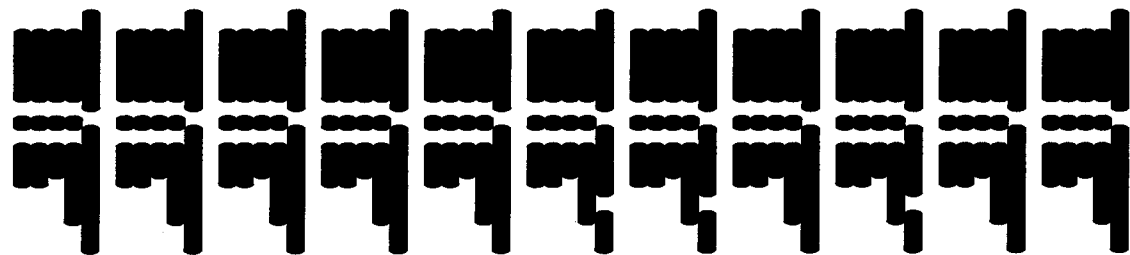
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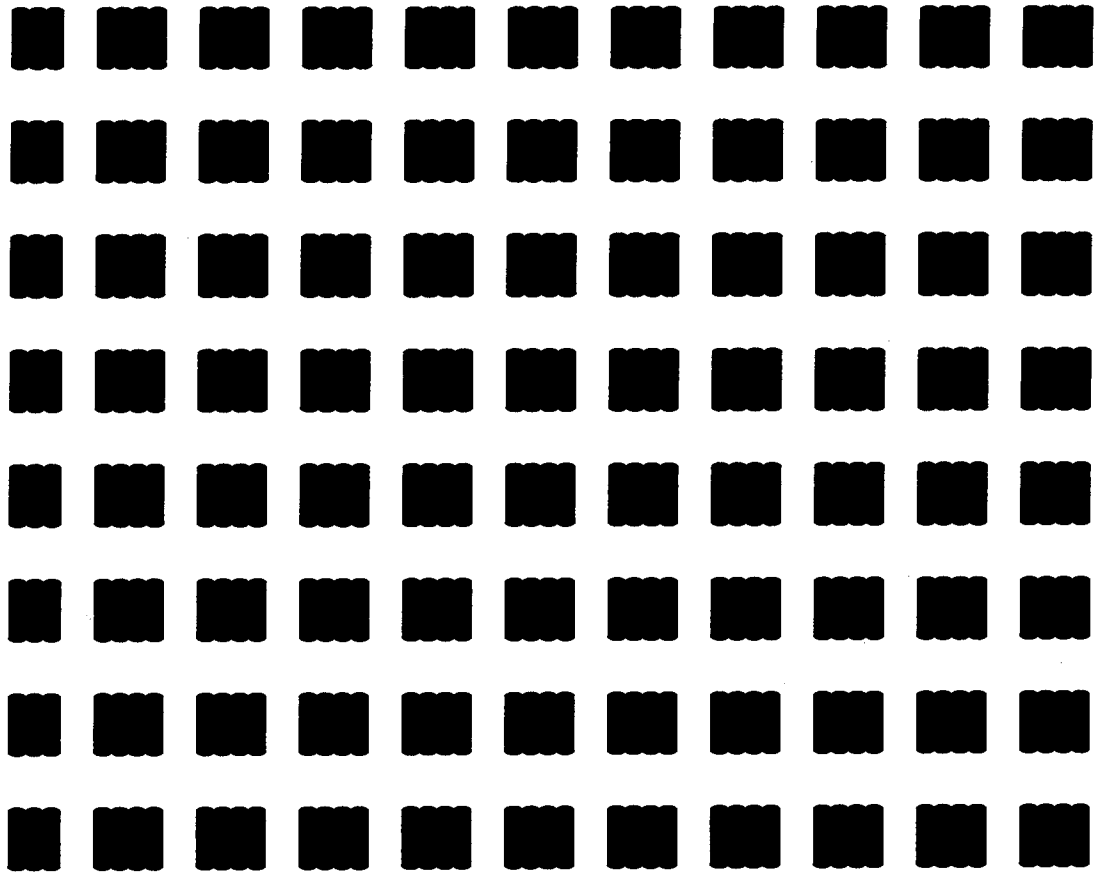


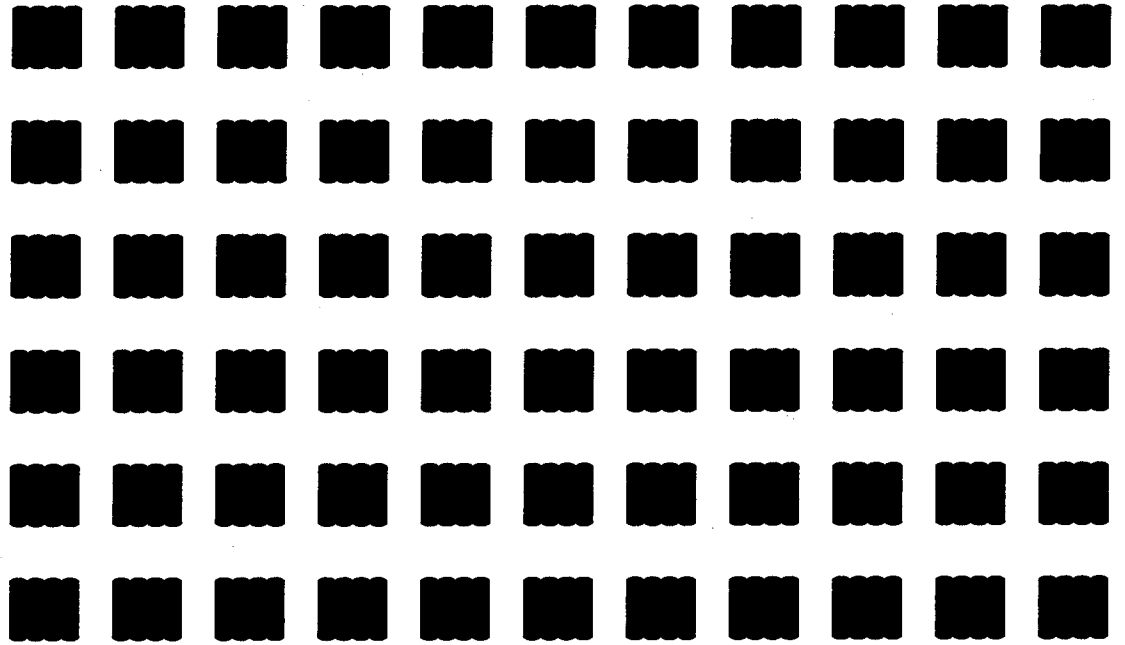
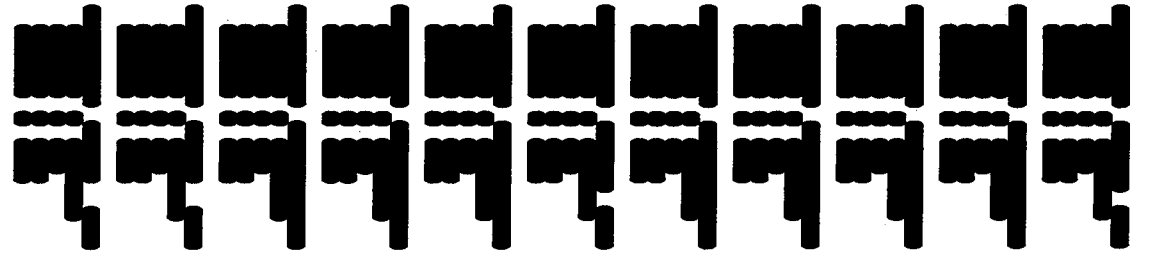










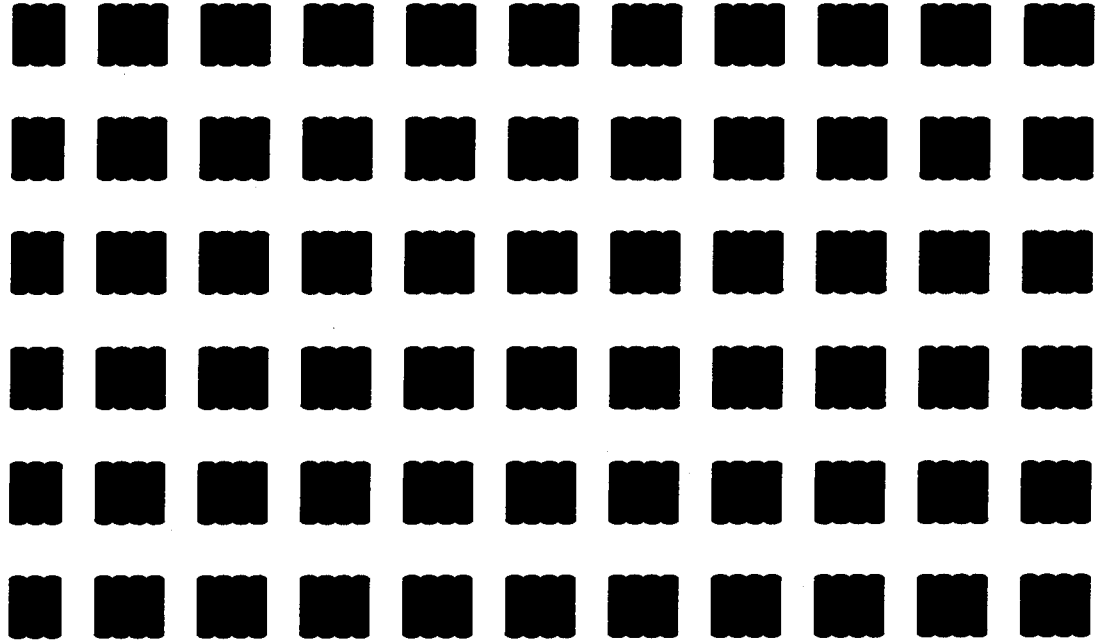


[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]